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ABSTRACT

This volume constitutes the final report of Phase I of the Analysis of Student Growth and Its Implications for Educational Policy, an investigation undertaken at the Educational Testing Service (ETS). The investigation was based on data from the Growth Study, a nationwide longitudinal study of academic growth. This first phase has been referred to as the Stability Study since its focus has been on describing the stability or instability of academic growth from Grade 5 to Grade 11 of a sample of U.S. public school students. The present descriptive findings are viewed as a critical first step in the building of a theoretical model of the structure of academic achievement and the way in which this structure changes from the elementary school years to the secondary school years. The findings are presented in the interest of such theory development and for the purposes of educational researchers and practitioners faced with the need for reliable data on the academic growth of a large sample of U.S. adolescents. (Author/CK)

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FINAL REPORT

Research No. O-0140

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Stability and Instability in Academic Growth--

A Compilation of Longitudinal Data

Thomas L. Hilton, Principal Investigator
Albert E. Beaton, Co-Investigator
Cathleen Patrick Bower

Educational Testing Service
Princeton, New Jersey 08540

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U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

Office of Education
Bureau of Research

Foreword

There is perhaps no greater need in American educational psychology than the need for descriptive data on the academic growth of U. S. school children. It is needed by policy makers, curriculum planners, teachers, and researchers alike. How else can decisions be made on such questions as differential classroom treatments, remedial programs, special grouping, and vocational programs. Rational planning and decision-making in these areas require a knowledge of which student characteristics follow stable, predictable pathways and which are unstable. This volume was prepared to fill this need for descriptive data--to the extent that the available data allowed.

The volume constitutes the final report of Phase I of the Analysis of Student Growth and Its Implications for Educational Policy, an investigation undertaken at ETS, February 1, 1970 under a grant from the Bureau of Research of the U. S. Office of Education (OE Bureau of Research No. O-0140, Grant No. OEG-2-700013(509)). The investigation was based on data from the Growth Study, a nationwide longitudinal study of academic growth underway at Educational Testing Service since 1961.¹

This first phase has been referred to as the Stability Study since its focus has been on describing the stability or instability of academic growth from Grade 5 to Grade 11 of a sample of U. S. public school students. Although as of this writing there are no definite arrangements for continuing this program of research, the original plan for the next phase of the research called for a more intensive examination of the relationships between the measures at each grade level and of the relationships between measures from one grade level to the next grade level. One product of such an investigation would be a theoretical model of the structure of academic achievement and the way in which this structure changes from the elementary school years to the secondary school years. The authors look forward to conducting such an investigation. The present descriptive findings are viewed as a critical first step in the building of such a model. They are presented in the interest of such theory development and for the purposes of educational researchers and practitioners faced with the need for reliable data on the academic growth of a large sample of U. S. adolescents.

The authors wish to thank Ingeborg Stiebritz and Barbara Pinchak for their assistance in processing the data, Romona Huff and Frances Livingston for assistance in preparing the manuscript, and Dr. Lawrence G. Goebel, U.S.O.E., for his patient service as monitor of the project.

Thomas L. Hilton
Principal Investigator

¹Anderson and Maier, 1963, describes the design of the study. Hilton and Myers (1967) presented some preliminary findings and Hilton and Patrick (1970) and Hilton and Berglund (1971) some more recent findings. An annotated bibliography of some 60 Growth Study publications may be obtained from T. L. Hilton, ETS.

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Chapter 1

The Problem

Underlying most questions of educational practice and planning lies the interpretation of differential student performance. When we ask, for example, whether a student should receive remedial instruction we first examine his achievement relative to other students at his grade level and make a decision on the basis of our interpretation of the observed difference. A critical aspect of this interpretation is a question, namely, "What can we say about the future performance of the student in question on the basis of his current performance?" In other words, how stable is the particular behavior? Are the individual differences so transient that a student's future performance is essentially unpredictable. If the behavior in question is so unstable that current performance tells us nothing about future performance then, obviously, the currently observed differences are of secondary interest. The stability of individual differences is, then, a crucial consideration. It is conceivable that in the past much attention has been needlessly paid to differences among students which have no constancy in time.

Studies of stability require consideration not only of What but also For Whom. A particular performance may be stable for students in one category--males, for example--but not for females. It is important, therefore, for studies of stability to examine the stability of behavior for major subgroups of the population--in our case, the student population.

In this volume the results of the first phase of a major study of stability are reported. The results reported are descriptive. No direct attempt is made to explain the antecedents or the consequences of the observed differences or to investigate the underlying dimensions of stability as one might do by means of factor analysis. The specific objectives of the study were as follows:

1. To identify a small set of defining characteristics (e.g., sex, socioeconomic status) on the basis of which the student population could be divided into subgroups whose measured achievement and other school-related attributes would differ significantly (both educationally and statistically).
2. To examine the stability over time of the achievement and other school-related attributes of each of the subgroups identified. Which attributes are stable and which are not?

As will be described in more detail shortly the study made use of a large file of student data obtained by the Study of Academic Growth and Prediction undertaken at Educational Testing Service in 1961, with the last data collection being completed in 1969. As part of this study a battery of achievement measures was administered to a nationwide sample of approximately 9,000 fifth graders in the fall of 1961. Two years later the same students were tested again as 7th graders and then again in the 9th and the 11th grades. At the 7, 9, and 11th grade levels a 177-item Background and Experience Questionnaire (BEQ) was completed by the students. The achievement test scores and certain scales derived from the BEQ provided the data for the present study. The data are unprecedented, being repeated measures on a nationwide sample of U. S. elementary and secondary school students. In the next chapter the way in which these data were used to measure stability will be discussed.

Chapter 2

The Many Faces of Stability

When we speak of growth as being stable we can be referring to no less than six different kinds of stability. In this chapter these different definitions of stability will be reviewed along with alternative ways of describing the stability mathematically. When we refer to growth we will have intellectual or academic growth in mind although our comments should be equally pertinent to other kinds of growth--physical growth, for example. Usually we will be concerned with trend lines, defined as lines connecting the scores of an individual on two occasions or the lines connecting the mean scores for a group on two occasions.

First there are some broad distinctions which must be made. The first is between individual stability and group stability. It is conceivable that the scores of individuals within a group might fluctuate widely from one occasion to the next while the mean score for the group could be highly predictable from one occasion to the next. In some discussions it will be important to keep this distinction between individual and group stability in mind.

The second broad distinction is between what might be called absolute or pattern stability and relational stability. The first refers to the situation where the scores for an individual or the mean scores for a group of individuals exhibit the same pattern of change on a variety of occasions. The pattern may be complex. The growth curve for a particular student attribute may for all students or nearly all students accelerate slowly in the early school years, then accelerate rapidly, and then level off in the later school years.

Relational stability refers to the kind of stability one ordinarily measures by correlational techniques. On two occasions the scores of individuals within a group or the mean scores for several groups are highly correlated. In other words the relative position of the individuals or the groups remains constant. The gains for the individuals or groups may have been highly unequal but as long as the ordering of the individuals or groups remains constant, relational stability would be high.

Ordinarily when we say that the growth--intellectual growth, for example--of a category of subjects is stable over time we are referring to the mean scores of a group on two or more occasions. Individuals within the group can fluctuate around the mean, but the deviations are important only as far as they affect the group mean. Also we ordinarily have in mind a maturing or developing characteristic, not a stable characteristic which never changes.

Stability in this sense is a characteristic of growth. From this group point of view the first definition of stability is suggested:

1. The growth of a category of individuals is stable if, over time, the mean change of the scores in question is constant in successive time periods.

In other words the slope of a trend line is constant from one time period to the next. Still another way of saying the same thing is to say that the mean scores for the group exhibit a linear trend. Statistically speaking the means would be stable if a linear equation describes the trend and any deviation of means from linearity can be attributed to error. The test of this can be computed using a standard analysis of variance model with, as the dependent variable, linear trend coefficients multiplied by the scores at four points in time. This type of stability might be referred to as group mean linear stability.

The second possible definition of stability is a logical extension of the first:

2. Growth is stable if the mean scores over occasions conform to a quadratic curve.

Here we would be allowing for the possibility that the frequently observed growth curve with decelerating slope and eventual plateau represents stable growth. The test of the fit of the quadratic component is similar to that of a linear component, except quadratic coefficients are used.

If the cubic component is significant, then we have an interesting kind of instability. This is where we have two points of inflection in the growth curve. In other words the growth of the group accelerates then decelerates and then accelerates again or vice versa. One could argue that if such a pattern of growth were consistently observed--these individuals always exhibit this kind of growth--then a kind of stability is displayed.

The second type of stability mentioned earlier is relational stability. It is conceivable that the mean scores for a group of individuals over time might exhibit a precise linear trend but individuals within the group might vary widely in their patterns of growth. There could be a zero correlation or even a perfect negative correlation between the scores of the individuals at one time and their scores at a second time. This suggests another definition of stability:

3. Growth is stable to the extent that measures of growth on successive occasions are correlated.

In other words if over time the individuals in a group maintain the same relative position to each other, then the growth of that group would be described as stable.

So far we have considered the stability of the scores of a group with respect to the previous scores of the individuals in that group. An additional way to define the stability of an individual's scores or a group's mean score is with respect to the scores of another group, ordinarily a population to which the group in question belongs. Let us assume, for example, that the mean scores of a group of subjects maintained over two occasions the same percentile rank with respect to a norms group for the measure in question. If this were true for four occasions, could we not say that the group's scores are stable even though it might take a cubic equation to describe the mean scores of the subjects over the four occasions. This then suggests another definition of stability:

4. Individual group scores are stable to the extent that they maintain over time the same position with respect to some reference group. Position could be defined in terms of percentile rank or standardized score.

A fifth concept of stability is related to definition number 3:

5. Growth is stable to the extent that it is predictable. In other words if the scores of a group of subjects on one occasion are highly predictable from the scores plus other measures obtained at an earlier time then there is a kind of stability in the growth of the subjects. This way of looking at stability equates it with lawfulness or predictability; the data do not change in a random fashion but in a predictable fashion.

Lastly the scores of a group of individuals can exhibit stability or instability in regard to their dispersion over time. Does the variance of the scores increase or decrease on successive occasions?

6. Growth is stable in dispersion if the variance of the scores of a group of individuals remains constant over occasions.

We could define additional kinds of stability, e.g., stability of factor structure over occasions, but the foregoing versions will suffice for the purposes of this report.

In summary we have defined six different versions of stability: (1) linear stability, (2) nonlinear stability, (3) relational stability, (4) normative stability, (5) predictive stability and (6) dispersion stability. None of the versions can be eliminated from consideration. The choice between these definitions of stability

will depend on the extent to which a particular definition may serve whatever proposition or question the researcher is investigating. In subsequent chapters of this report the authors will attempt to observe the language usage suggested by this chapter.

Chapter 3

Method

The testing plan for the Growth Study, from which the data for the Stability Study was derived, is shown in detail in Figure 1. From the figure one can see that it incorporates both a cross-sectional and a longitudinal design, i.e., in 1961 different students in grades 5, 7, 9, and 11 were tested and since then the same students were tested every two years until they were graduated. This design enabled the Growth Study research staff to proceed immediately with the descriptive summary of the cross-sectional data while waiting for the longitudinal data to come in. It also permitted the investigation of differences in growth estimates which are obtained from cross-sectional as compared to longitudinal data (see Hilton & Patrick, 1970).

Sample

The 17 communities participating in the Growth Study and the names of their high schools, totaling 27, are shown in Figure 2. The Growth Study sample consists of the students in these public high schools and in all the junior high schools and elementary schools feeding them. Whenever a test administration was conducted all the students enrolled in the school were tested except those not in attendance because of prolonged illness and those students classified as mentally retarded. The initial sample consisted of approximately 9,000 fifth graders, 9,000 seventh graders, 9,000 ninth graders, and 5,000 eleventh graders, giving a total of 32,000 subjects.

By 1963, when all subjects were tested for the second time, 93% of the original subjects remained but, since the Growth Study makes a practice of testing all the students in the relevant grades of the school whether or not they had participated in previous administrations, the total sample--with full or partial data had grown to slightly less than 40,000. In each subsequent testing the total sample increased by 25% while the "core" sample with complete data decreased by 15%. At the conclusion of the in-school data collection, 45,901 students were in the total sample and 15,124 in the core sample. When a student left a "Growth Study" school no effort is made to follow him to his new location.

Selection. The schools were selected to provide a range in geographic location, size of system, proportion of senior class graduates who subsequently attended college and rural-urban orientation. Although all the high schools were comprehensive, the proportion of students enrolled in vocational education curricula varied markedly from one school to another. The average enrollment in such programs was approximately 40%.

Figure 1

TESTING PLAN FOR THE STUDY OF ACADEMIC PREDICTION AND GROWTH

Grade	Sept.-Oct. 1961	Jan.-Feb. 1963	Sept.-Oct. 1963	Jan.-Feb. 1965	Sept.-Oct. 1965	Jan.-Feb. 1967	Sept.-Oct. 1967	Jan.-Feb. 1969
5	TGI-L SCAT-5B STEP-4B N=8939							
7	TGI-L SCAT-4B STEP-3B N=8891		TGI-M BEQ-7 SCAT-4B STEP-3B N=8361					
9	TGI-M SCAT-3B STEP-3B N=9245		TGI-H BEQ-9 SCAT-3B STEP-3A N=8724		TGI-H BEQ-9 SCAT-3B STEP-3A N=7671			
11	TGI-H SCAT-2B STEP-2B N=5294		TGI-H BEQ-11 SCAT-2B STEP-2B N=7790		TGI-H BEQ-11 SCAT-2B STEP-2B N=7383		TGI-H BEQ-11 SCAT-2B STEP-2B N=6304	
12		Sr. Quest. BEQ-12 Am. Hist. Eng. Comp. PSAT N=4854		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=6750		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=5891		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=5674
Total Ss per Admin- istration	32,369	4,854	24,875	6,750	15,054	5,891	6,304	5,674

Note: The numbers of Ss indicated for the years 1965 to 1969 are estimates.
These totals combine public and independent school counts.

Region of U.S.	12th grade enrollment							
	Over 200		100-200		Under 100			
	Under 35	% college going 35-70	Over 70	% college going 35-70	Under 35	% college going 35-70	Over 70	
New England	Erie, Pa: East H.S. Memorial Tech.	Erie, Pa: Academy H.S. Strong V.	-	-	Ipswich, Mass.	Warwick Valley N.Y.	Cohasset, Mass.	
Middle Atlantic	Akron, Ohio: South H.S. Hower Voc.	Akron, Ohio: Kenmore	Akron, Ohio: Buchtel H.S. Firestone	Mt. Healthy, Ohio	Frazee, Minn.	Bronson, Mich.	W. Lafayette, Ind.	
E. No. Central								
W. No. Central								
W. So. Central								
So. Atlantic	Atlanta, Ga: W.F. George	-	Atlanta: Dykes	Yazoo City Miss.	Havre de Grace, Md.	Lampasas Texas	-	
E. So. Central								
Mountain Pacific	Oakland, Cal.: Castlemont	-	Oakland, Cal.: Oakland H.S. Skyline H.S.	La Junta, Colorado	Elma, Wash.	Burton, Wash.	-	
No. of Schools	6	3	5	3	4	4	2	

This chart presents the classification as it stands in 1969. One school system dropped out in 1962 (Lynnfield, Mass.: 100-200, 35-70%); and a second school in 1963 (Canyon, Texas, <100, >70%); a new school was established in Akron in 1963 (Firestone: >70%).

Figure 2. High Schools in Study of Academic Prediction and Growth.

Although the schools were not randomly selected from the population of high schools in the United States, the opportunities the staff has had to compare the mean aptitude and achievement test scores of Growth Study subjects with the mean scores of students in randomly selected samples indicate that the Growth Study sample closely approximates the randomly selected sample in aptitude and achievement.

In Figure 3 the occupation and education of the fathers of the Growth Study subjects is compared with the Coleman Study sample. Certain differences in frequency can be attributed to differences in the wording of the relevant questionnaire categories. In any case, the similarity of the profiles is high.

Comparison of the Growth Study sample with the demographic characteristics of the nation's schools indicate that the Growth Study probably is deficient in its representation of small rural high schools. For most purposes, however, this is not regarded as a serious deficiency.

Data and Instrumentation

The original focus of the Growth Study was on academic growth as measured by objective tests of ability and achievement, recognizing that this domain is but one aspect of the total development of the student. Supplementary biographical information--on interests, both academic and nonacademic, and on educational and vocational plans--was obtained from questionnaires, but throughout the data collection the primary objective remained that of thoroughly describing and explaining the student's acquisition of knowledge, understanding and intellectual skills.

The data used in the present study are listed in Table 1.

Each Growth Study test administration consists of approximately 15 hours of testing which is conducted in the school by teachers and counselors who are provided with detailed manuals of instructions. The very small fraction of unusable answer sheets received suggests that the test administrators were unusually successful in conducting orderly test sessions. The schools are provided with full reports on the SCAT and STEP test scores of each student and most of the schools use these scores for guidance purposes.

The basic instruments of the study are the School and College Ability Test (SCAT) and the Sequential Tests of Educational Progress (STEP). The SCAT, which yields verbal and quantitative scores, measures general ability to do school work. The STEP series of achievement tests measure the student's ability to apply his skills to the solution of problems in six areas: reading, writing, listening, social studies, science, and mathematics. Lower level SCAT and STEP forms are scored on the same continuous scale as higher level forms (that is, vertically equated) but the tests are not equated horizontally, i.e., a given scaled score on one test cannot be interpreted as the same score on another test.

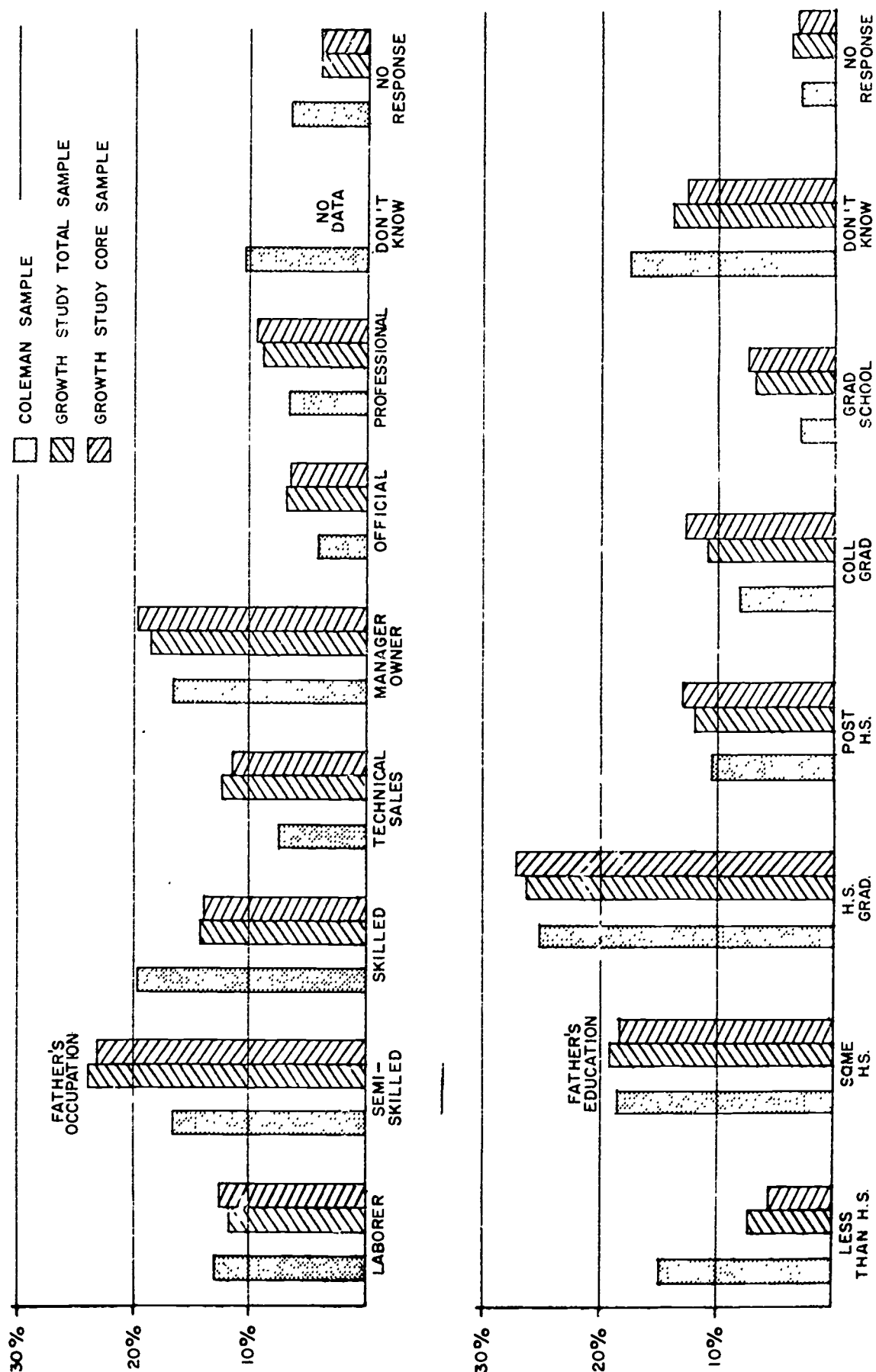


Figure 3. Comparison of Coleman Sample, and Two Growth Samples of U.S. Ninth Graders

Table 1
Summary of Data

<u>Level</u>	<u>Variables</u>	<u>Instruments</u>
Grade 5	Aptitude and achievement	SCAT, STEP, TGI
Grade 7	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in (If in a junior high school)	Test answer sheet
	Experience, aspirations, interests, and family background	BEQ 1
Grade 9	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in	Test answer sheet
	Experiences, aspirations, interests, and family background	BEQ 2
Grade 11	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in	Test answer sheet
	Experiences, aspirations, interests, and family background	BEQ 3
	Vocational plans	Q. on answer sheet Biography in yearbooks

The Test of General Information was designed especially for the Growth Study in order to identify nonacademic factors that are related to students' growth during this period. It is being used to determine when and at what rate students learn the kinds of facts that are not systematically taught in school but which an alert and reasonably well-informed adult could be expected to know. There are three forms of this test at three different levels of difficulty with questions in each of eight areas: home arts, industrial arts, physical sciences, art and music, biographical sciences, history and literature, entertainment and recreation, and public affairs.

Questionnaires. The Background and Experience Questionnaire (BEQ) was also designed especially for the Growth Study. It provides information on the relationships between the student's growth and his experiences and activities in and out of school. These questionnaires attempt to minimize generalization and vagueness by requiring the student to document many of his responses with facts, such as the titles of some books he has read, the plays he has seen or participated in, the instrument he plays in the school band, or a description of the job he has held during the summer. The questionnaires also yield information on the student's opinion of the courses he has taken and indicate how often and with whom he has discussed topics such as his future education and career plans, news events of the day, or personal values.

Questions on the student's background focus on the education and occupations of his parents and the amount of encouragement and support they give. Forms of the Background and Experience Questionnaire were developed for the seventh, ninth, eleventh, and twelfth grades.²

Variables

Two types of variables were defined for the purposes of the analysis. The first, classification variables, were selected for the purpose of subdividing the total sample into subgroups of special interest. The second type were the dependent variables whose distributions were examined.

Classification Variables. The classification variables were sex, ethnic group high school curriculum, and father's education. These particular variables were selected, primarily on the basis of previous analysis of the Growth Study data file and the educational research literature, as most likely to be major sources of variance in the dependent variables and to be of interest to researchers as control variables.

²The twelfth grade form of the BEQ was given only to the 1963 seniors. The 1965 seniors, who earlier completed the eleventh grade version, were given a shortened version asking only about their vocational plans.

The ethnic variable included only two categories: Black, white and other. Because at the time the Growth Study was begun the socio-political climate was such that it was not feasible to include an item for self-identification of ethnic group, the identification was accomplished several years later by engaging school guidance counselors who knew the students to make the identification from school rosters. After the students were graduated from high school in 1969 the Growth Study staff repeated the process, using high school yearbooks as the source of identifying information. In the few cases where there were disagreements between the staff and the counselors (less than 1%) the student in question was classified as white. Thus the "white" category--while mostly white students--also includes Mexican-Americans, Orientals, Latin-Americans and students whose identification was uncertain.

The academic-nonacademic dichotomy was made on the basis of a questionnaire item included in the Background and Experience Questionnaire in 1967 in which the students, then in Grade 11, identified their course of study:

125. From the list below, which course of study are you taking in high school?

- A. Academic or college preparatory
- B. Agricultural
- C. Business or commercial
- D. General
- E. Home economics
- F. Vocational
- G. Other*
- H. Undecided

*What? _____

Students responding "A" were classified as academic and all others were classified as nonacademic.

Father's education was selected as the single variable most likely to reflect the socio-economic background of the student and also the educational opportunities the student may have had in the home setting.

An exploratory study conducted by the authors indicated that--unlike father's occupation--father's education was related to achievement in a positive linear fashion for both white and black students.³ Father's education was obtained from the BEQ item reading as follows:

113. How much formal education does your father or male guardian have?
- A. Grade school
 - B. Some high school
 - C. Graduated from high school
 - D. Some college, junior college, business or trade school (after completing high school)
 - E. Graduated from college
 - F. Some graduate or professional school (e.g., law, medicine)
 - G. Obtained a graduate or professional degree
 - H. Don't know

Categories A and B were combined, and also categories D, E, F, and G.

Dependent Variables

The test scores which served as dependent variables for the descriptive summary are shown in Table 2.

Included are 11 scales derived from items in the BEQ, on the basis of a factor analysis of all the items in the BEQ (Rock & Freeberg, 1969). The items selected for each scale were those which had the highest loading on each successive factor and also were consistent with the other items on logical grounds. The items of each scale are listed in Table 3. In computing scores for each subject the problem of missing item responses arose. It was decided that the subject had to have responses for 75% of the items before a score on that scale could be computed for him. For all subjects, the final score was the average score for the items responded to, and these mean scale scores were standardized across the entire sample, with a mean of 50 and a standard deviation of 10.

³Unpublished

Work Scale. One additional scale was computed in the same way as above, for grade 11 only, made up of items 102, 104, and 106 of the BEQ. This scale is intended to measure the work a student has done outside of school and, thus, is referred to as the BEQ Work Scale.

102. During school vacations in the last two years, have you usually had a job?

- A. No
- B. Yes, part-time
- C. Yes, full-time

104. Not counting work during vacations, have you worked outside of school during Grades 9 and 10? (Don't forget jobs like your own farming, or helping your parents or guardian with their work or business.)

- A. No (skip to 107)
- B. Grade 9 only (answer 105)
- C. Grade 10 only (answer 105)
- D. Both years (answer 105)

106. How many hours a week, on the average, did you work?

- A. 5 hours a week or less*
- B. Between 5 and 20 hours a week*
- C. 20 hours a week or more*

*Briefly describe the duties on your most recent job _____

The range of this scale is from zero to four. A student was scored 0, 1, or 2 points, respectively, for not working in the summer, working part time, or working full time, and similarly for not working during the school year, working 1 to 20 hours, or working more than 20 hours during the school year. These two scores were then added together for the Work Scale score.

Table 2
Dependent Variables

SCAT	Verbal
	Quantitative
STEP	Math
	Science
	Reading
	Social Studies
	Listening
	Writing
TGI Scale A	- Industrial Arts
	B - Home Arts
	C - Physical Sciences (Math)
	D - Biological Science
	E - Musical Arts
	F - History, Literature
	G - Recreation, Entertainment
	H - Government, Public Affairs
BEQ Scale 1	- Female Activities
	2 - Sports & Masculine Interests
	3 - General Leisure Activities
	4 - Breadth of Reading
	5 - Talk With Others
	6 - Academic Course Interests
	7 - Musical Activities
	8 - Lower Level Social & Leisure Activities
	9 - Technical Hobbies and Interests
	10 - General TV Viewing
	11 - Academic Effort

Table 3

BEQ Scales

Scale 1: Female Activities

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, and C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

23. Sewing, embroidering, knitting

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*Name one piece _____

24. Experimenting with new recipes

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

29. Taking or developing pictures

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*Name one subject _____

30. Painting, drawing, or sculpturing

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*Name one subject _____

32. Writing poetry, plays, essays, or stories

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*Give one title _____

33. Writing letters to friends or relatives

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

35. Cleaning house

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

36. Cooking for the family

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

How much time, on the average, have you spent on each of the following?

56. Taking care of your hair (washing, combing, setting, etc.)

- A Less than 1 hour a week
- B 1 to 2 hours a week
- C More than 2 hours a week

57. Other personal grooming (complexion, nails, etc.)

- A Less than 1 hour a week
- B 1 to 2 hours a week
- C More than 2 hours a week

58. Taking care of your clothes

- A Less than 1 hour a week
- B 1 to 2 hours a week
- C More than 2 hours a week

59. How long, on the average, have you spent talking on the telephone to friends each day?

- A Less than 10 minutes a day
- B Between 10 and 30 minutes a day
- C Over 30 minutes a day

¹Identical items were used at the Grades 7, 9, and 11. In obtaining total scores the "A" responses were weighted 1, "B" was weighted 2 and "C" was weighted 3.

Scale 1 (cont.)

BEQ Scales

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

78. Religious books

- A None
- B 1 or 2*
- C More than 2*

*Name one title _____

How often, on the average, have you read each of the following kinds of MAGAZINES?

84. Movie or TV

- A Rarely or never
- B Occasionally*
- C Regularly*

*Name one magazine _____

How often have you read each of the following sections of a NEWSPAPER?

95. Society, homemaking

- A Rarely or never
- B Occasionally
- C Regularly

Table 3 (cont.)

BEQ Scales

Scale 2: Sports and Masculine Interests

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

17. Sports events

- A Very little or none
- B Sometimes, but less than one a week
- C About one a week
- D Two or more a week

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

27. Model building; for example, airplanes

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*What kind? _____

40. Practicing sports on your own

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*What? _____

41. Hunting, fishing, hiking, or camping

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

42. Playing outdoor group sports (not on a regular team)

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

Have you played on athletic teams--either in or out of school?

66. Football

- A No
- B 1 year*
- C 2 years*

*What position? _____

67. Basketball

- A No
- B 1 year*
- C 2 years*

*What position? _____

68. Baseball

- A No
- B 1 year*
- C 2 years*

*What position? _____

70. Other athletic team

- A No
- B 1 year*
- C 2 years*

*Name _____

How often, on the average, have you read each of the following kinds of MAGAZINES?

38. Outdoor or sports, such as Sports Illustrated

- A Rarely or never*
- B Occasionally*
- C Regularly*

*Name one _____

Table 3 (cont.)

BEQ Scales

Scale 3: General Leisure Activities

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

19. Educational courses, programs, or talks

- A Very little or none
- B About 30 minutes a week
- C Between 30 and 60 minutes a week
- D Over 60 minutes a week

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

25. Working on collections, such as rocks, stamps

- A None or very little
- B Some, but less than 2 hours a week*
- C 2 hours a week or more*

*What do you collect? _____

39. Playing individual sports, such as bowling, pool, or swimming

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

43. Playing indoor table or card games

- A None or very little
- B Some, but less than 2 hours a week
- C 2 hours a week or more

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

46. Attended athletic events

- A Less than once a month
- B Between once a week and once a month
- C Once a week or more often

47. Attended movies

- A Less than once a month
- B Between once a week and once a month
- C Once a week or more often

48. Gone roller or ice skating

- A Less than once a month
- B Between once a week and once a month
- C Once a week or more often

49. Attended dances

- A Less than once a month
- B Between once a week and once a month
- C Once a week or more often

How much time, on the average, have you spent on each of the following?

53. Doing personal shopping

- A Less than 1 hour a week
- B 1 to 2 hours a week
- C More than 2 hours a week

How often, on the average, have you read each of the following kinds of MAGAZINES?

85. Detective, sports, romance, adventure, mystery, western stories

- A Rarely or never
- B Occasionally*
- C Regularly*

*Name one magazine _____

Table 3 (cont.)

BEQ Scales

Scale 4: Breadth of Reading

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

76. History, current events, biography, autobiography

A None
B 1 or 2*
C More than 2*

*Name one title _____

82. Classical or best seller fiction, poetry, drama

A None
B 1 or 2*
C More than 2*

*Name one title _____

How often, on the average, have you read each of the following kinds of MAGAZINES?

89. Men's or women's magazines, home and garden, fashion

A Rarely
B Occasionally*
C Regularly*

*Name one _____

90. News, digest, and general magazines, such as Reader's Digest, Life, Look, Newsweek, Saturday Evening Post

A Rarely or never
B Occasionally*
C Regularly*

*Name one _____

91. Scientific magazines, such as National Geographic

A Rarely or never
B Occasionally*
C Regularly*

*Name one _____

How often have you read each of the following sections of a NEWSPAPER?

94. Sports

A Rarely or never
B Occasionally
C Regularly

96. News, editorials

A Rarely or never
B Occasionally
C Regularly

Table 3 (cont.)

BEQ Scales

Scale 5: Talk With Others

How often have you talked about each of the following with your friends?

150. Your educational and vocational plans

A Rarely or never
B Occasionally
C Frequently

151. TV, sports, movies, popular music

A Rarely or never
B Occasionally
C Frequently

152. Personal values--decent behavior, religion, honesty, etc.

A Rarely or never
B Occasionally
C Frequently

154. The news events of the day

A Rarely or never
B Occasionally
C Frequently

155. Science

A Rarely or never
B Occasionally
C Frequently

156. Literature, music, art

A Rarely or never
B Occasionally
C Frequently

How often have you talked about each of the following with your parents?

157. Your educational and vocational plans?

A Rarely or never
B Occasionally
C Frequently

158. TV, sports, movies, popular music

A Rarely or never
B Occasionally
C Frequently

159. Personal values--decent behavior, religion, honesty, etc.

A Rarely or never
B Occasionally
C Frequently

Table 3 (cont.)

BEQ Scales

Scale 6: Academic Course Interests

Here is a list of school courses. In each item, Mark A if you did not take the course(s).

If you did take the course, mark B, C, or D to show whether the course was boring or interesting to you.

126. Athletics and physical education

- A Didn't take any of these courses
- B Boring
- C Undecided
- D Interesting

128. Foreign language--Spanish, French, German, Latin, etc.

- A Didn't take any of these courses
- B Boring
- C Undecided
- D Interesting

129. Social studies

- A Didn't take any of these courses
- B Boring
- C Undecided
- D Interesting

131. Mathematics

- A Didn't take any of these courses
- B Boring
- C Undecided
- D Interesting

132. Science

- A Didn't take any of these courses
- B Boring
- C Undecided
- D Interesting

Do you think the following courses will be useful in helping you earn a living? Mark A if you did not take the courses.

134. English and literature

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

135. Foreign language--Spanish, French, German, Latin, etc.

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

136. Social studies

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

137. Home economics, agriculture, or shop

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

138. Mathematics

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

139. Science

- A Didn't take any of these courses
- B Not useful
- C Undecided
- D Useful

Table 3 (cont.)

BEQ Scales

Scale 7: Musical Activities

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, and C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do you count things you did as part of your class assignments.

31. Practicing, arranging, or composing music.

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*What instrument or style? _____

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

44. Attended club meetings

A Less than once a month
B Between once a week and once a month*
C Once a week or more often*

*Name one club _____

During grades 7 and 8, how many times have you done each of the following?

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

60. Gone to plays, lectures, concerts, etc., outside of school

A None
B 1 or 2 times*
C More than 2 times*

*Name one _____

61. Acted in plays, done play production work, or participated in public debates.

A None
B 1 or 2 times*
C More than 2 times*

*Name one play or debate topic _____

62. Made solo musical performances or public speeches

A None
B 1 or 2 times*
C More than 2 times*

*Name one occasion _____

During grades 7 and 8, have you been a member of a musical organization-- either in or out of school?

64. Band, orchestra, or other instrumental group

A No
B 1 year*
C 2 years*

*What did you do? _____

Scale 7 (cont.)

BEQ Scales

How many BOOKS of the following kinds
have you read during the last two
years? Do not include class assignments.

81. Music, art

A None

B 1 or 2*

C More than 2*

*Name one title _____

101. During the last two years, have you
taken regular lessons (individual or
group) outside of school--music,
dancing, art, sports, etc.?

A No

B Yes*

*In what? _____

Table 3 (cont.)

BEQ Scales

Scale 8: Lower-Level Social and Leisure Activities

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

10. Teen-age music and dancing

- A Very little or none
- B About 30 minutes a week
- C Between 30 and 60 minutes a week
- D Over 60 minutes a week

How much time each week, on the average, have you spent listening to each of the following kinds of RADIO programs--r phonograph RECORDS--during grades 7 and 8?

19. Popular music

- A Very little or none
- B About 30 minutes a week
- C Between 30 and 60 minutes a week
- D Over 60 minutes a week

21. During school vacations, how much do you watch TV and listen to the radio or records?

- A Less than during school terms
- B About the same as during school terms
- C More than during school terms

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

50. Gone on dates

- A Less than once a month
- B Between once a week and once a month
- C Once a week or more often

How much time, on the average, have you spent on each of the following?

52. Hanging around, just loafing, talking, or snacking with friends

- A Less than 1 hour a week
- B 1 to 2 hours a week
- C More than 2 hours a week

How often, on the average, have you read each of the following kinds of MAGAZINES?

86. Comic books

- A Rarely or never
- B Occasionally*
- C Regularly*

*Name one _____

How often have you read each of the following sections of a NEWSPAPER?

93. Comics

- A Rarely or never
- B Occasionally
- C Regularly

Table 3 (cont.)

BEQ Scales

Scale 9: Technical Hobbies and Interests

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

22. Repairing mechanical things, such as appliances, cars

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one _____

26. Building electronic equipment or performing scientific experiments at home

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one _____

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

77. Books telling how to repair, build, or do things

A None
B 1 or 2*
C More than 2*

*Name one title _____

80. Science

A None
B 1 or 2*
C More than 2*

*Name one title _____

How often, on the average, have you read each of the following kinds of MAGAZINES?

87. Hot rod, mechanical, science fiction

A Rarely or never
B Occasionally*
C Regularly*

*Name one _____

Table 3 (cont.)

BEQ Scales

Scale 10: General TV Viewing

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

- | | |
|---|--|
| 6. Detective stories or mysteries | 14. Quiz, panel, or audience participation shows |
| A Very little or none | A Very little or none |
| B About 30 minutes a week | B About 30 minutes a week |
| C Between 30 and 60 minutes a week | C Between 30 and 60 minutes a week |
| D Over 60 minutes a week | D Over 60 minutes a week |
| 7. Westerns and adventure stories | 15. Cartoons |
| A Very little or none | A Very little or none |
| B About 30 minutes a week | B About 30 minutes a week |
| C Between 30 and 60 minutes a week | C Between 30 and 60 minutes a week |
| D Over 60 minutes a week | D Over 60 minutes a week |
| 9. Comedy | 16. Movie features |
| A Very little or none | A Very little or none |
| B About 30 minutes a week | B Sometimes, but less than one a week |
| C Between 30 and 60 minutes a week | C About one a week |
| D Over 60 minutes a week | D Two or more a week |
| 11. Serious drama, music, or "specials" | 18. How much time each week, on the average, have you spent listening to <u>news</u> on RADIO or TV? |
| A Very little or none | A Very little or none |
| B About 30 minutes a week | B About 30 minutes a week |
| C Between 30 and 60 minutes a week | C Between 30 and 60 minutes a week |
| D Over 60 minutes a week | D Over 60 minutes a week |
| 12. Documentaries or coverage of special events | |
| A Very little or none | |
| B About 30 minutes a week | |
| C Between 30 and 60 minutes a week | |
| D Over 60 minutes a week | |

Table 3 (cont.)

BEQ Scales

Scale 11: Academic Effort

97. During grades 7 and 8, how long have you usually worked on school assignments during the evening?

A Seldom or never did homework after school
B Some, but less than 1 hour a day
C 1 hour a day or more

99. During the last two summers, did you go to summer school to take extra courses?

A No
B Yes*

*In what _____

103. During school vacations in the last two years, how much time, on the average, have you spent reading and studying?

A Very little or none
B Some, but less than 2 hours a week
C 2 hours a week or more

Method of Analysis

The first step in the analysis of the data was to compute basic descriptive statistics for all variables. These statistics were the number of observations (N), mean, standard deviation, minimum score, maximum score and five percentile points of the score distribution (10, 25, 50, 75, and 90). These statistics were computed for each SCAT, STEP, TGI, and BEQ scale variable for each year over the total sample.

In addition, the same statistics were computed for subgroups of the sample as described above. The total sample consisted of all students who had participated at any time in one of the Growth Study data collections. A particular statistical summary included all subjects who had a score for the measure in question. Thus the sample N differed from one grade level to the next and from one instrument to another. Those subjects who had a score for a particular measure but were missing one of the classifying scores--their curriculum may have been unknown, for example--were included in a "Not in Sample" subgroup.

For the trend analyses, which will be described shortly, the sample consisted of that core of subjects with complete data for all occasions for the instrument in question. Thus, the sample N did not differ from one grade level to the next but did differ from one instrument to the next. A total of 32 subgroups resulted from all cross-classifications of the four main groups of curriculum, sex, father's education, and race.

Basic Statistics. The appendix to this report contains the basic descriptive output for all variables at each year for the total sample, each subgroup, and for the marginal groups. A sample of this output is shown in Table 4. This table can be used to plot means over time for particular groups to investigate differential growth. They also indicate mean differences among groups which exist at any particular grade level, although, of course, these statistics do not explain the reasons for differences. The percentiles can be used as a rough indication of normality of the score distributions over all subjects and for various breakdowns of the sample.⁴

Analysis of Variance. The second type of analysis used in this study was analysis of variance (ANOVA). For every variable at each grade level, four-factor ANOVAs ($2 \times 2 \times 4 \times 2$) were computed with curriculum, sex, father's education, and ethnicity as the factors. The main effects are adjusted for disproportionalities; i.e., the curriculum value is adjusted for possible disproportionate representation by sex, race and

⁴In a preliminary data analysis the normality of each distribution was tested by means of the Chi Square Goodness of Fit Test but--with the large number of cases available--the test indicated that practically every distribution departed from normality.

Table 4
Sample of Descriptive Summary

SCAT VERBAL, FORM 5B, GRADE 5, 1961

CLASSIFICATION ORIGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES				
						10	25	50	75	90
ACADEMIC	1832	254.67	12.19	225.00	285.00	239.01	244.	253.37	262.02	270.67
NON-ACADEMIC	1818	244.74	9.38	225.00	291.00	233.92	237.59	243.12	247.13	257.44
MALES	1717	248.93	12.19	225.00	285.00	234.73	239.49	245.34	256.33	267.00
FEMALES	1933	250.43	11.71	225.00	295.00	236.03	241.32	246.18	257.37	267.70
LEM FLEV.	1050	246.63	10.05	225.00	285.00	234.94	243.80	244.52	252.12	260.18
LS F.EU.	956	249.04	11.70	225.00	285.00	235.22	240.18	246.48	255.33	266.53
COLL F.EU.	1230	254.53	12.25	225.00	285.00	238.74	244.37	253.25	262.04	270.78
U.K. F.EU.	414	244.87	11.22	225.00	285.00	231.53	236.20	242.94	250.70	260.65
BLACK	577	240.44	8.06	225.00	291.00	230.56	234.81	238.52	244.28	250.05
WHITE	3073	251.47	11.77	225.00	295.00	237.20	242.36	249.58	258.35	268.33
OUT IN SAMPLE	5061	245.67	12.03	225.00	295.00	231.50	236.37	243.10	252.09	262.98
CLASSIFICATION SEX RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A M LLEM B	18	239.44	5.91	225.00	249.00	233.20	235.67	238.60	242.67	246.40
A M LLEM W	161	250.34	11.80	225.00	285.00	235.53	241.17	250.20	258.76	265.90
A M HS	30	243.10	9.72	228.00	269.00	232.00	235.56	240.00	248.00	257.00
A M HS W	228	253.04	11.79	228.00	285.00	239.35	244.19	252.00	260.78	269.62
A M COLL B	20	244.65	11.62	228.00	281.00	234.80	237.20	241.20	247.30	250.00
A M COLL W	396	257.29	11.73	231.00	295.00	241.51	247.50	256.52	266.38	272.85
A M D.K. B	16	241.06	5.74	230.00	254.00	234.60	237.00	241.00	244.40	247.60
A M D.K. W	38	254.16	11.28	236.00	277.00	240.40	245.64	251.60	263.25	269.19
A F LLEM B	37	246.65	9.67	231.00	277.00	235.54	239.25	244.36	250.75	259.20
A F HS B	147	253.82	11.84	230.00	285.00	237.29	243.75	251.44	261.70	264.01
A F HS W	27	243.07	10.05	225.00	267.00	228.80	236.20	242.75	245.50	256.50
A F HS B	186	256.08	11.41	230.00	285.00	242.10	247.10	254.60	264.00	270.80
A F COLL W	15	246.73	8.71	232.00	269.00	236.00	241.50	244.80	251.00	257.00
A F COLL W	445	258.70	11.39	232.00	285.00	243.85	250.02	258.03	267.19	273.69
A F U.K. B	13	245.00	8.41	230.00	259.00	231.20	236.50	244.50	249.50	256.80
A F U.K. W	55	254.49	11.75	225.00	285.00	241.33	246.78	253.25	262.50	269.25
N M LLEM B	54	239.43	5.98	227.00	252.00	230.80	235.24	237.81	243.40	247.28
N M LLEM W	239	244.01	8.41	225.00	273.00	234.10	233.06	242.92	248.11	254.07
N M HS B	49	239.02	8.45	225.00	264.00	227.66	233.25	237.83	242.37	250.13
N M HS W	170	245.62	10.37	225.00	281.00	234.00	239.69	243.54	250.95	259.14
N M COLL B	21	240.24	8.04	225.00	257.00	230.13	234.20	239.00	245.75	249.87
N M COLL W	140	247.66	10.10	227.00	281.00	235.07	240.22	245.86	253.60	261.20
N M U.K. B	51	235.80	6.73	229.00	255.00	227.55	230.92	234.74	237.42	243.90
N M U.K. W	86	243.36	10.20	225.00	277.00	231.23	236.11	241.47	247.30	257.20
N F LLEM B	85	240.20	6.59	225.00	261.00	231.75	235.27	238.64	243.10	249.67
N F LLEM W	309	247.14	7.98	231.00	277.00	236.53	240.61	245.40	252.11	258.02
N F HS B	55	239.89	6.53	227.00	257.00	231.00	234.83	237.89	243.70	248.50
N F HS W	211	246.96	9.09	229.00	277.00	235.92	240.02	245.25	251.57	258.76
N F COLL B	22	239.32	7.34	225.00	267.00	232.93	234.91	236.91	240.50	245.60
N F COLL W	171	248.46	9.81	225.00	277.00	236.76	240.47	245.39	254.08	261.71
N F U.K. B	64	237.75	6.04	225.00	257.00	230.33	232.59	236.86	242.29	245.03
N F U.K. W	91	247.33	9.58	228.00	277.00	235.62	240.50	245.18	252.06	261.12
TOTAL	3650	243.72	11.96	225.00	285.00	235.36	240.42	247.21	257.05	267.39

KEY:

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELM elementary school

F female

F-ED father's education

HS high school

N male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

father's education; the sex difference is adjusted for curriculum, father's education, and ethnicity, and so forth. These results are presented in the appendix following the output showing the descriptive statistics. A sample is shown in Table 5. The probabilities associated with each F statistic were interpreted as pointers to group mean differences of interest to the researcher. It was intended that probabilities of less than .001 would direct one to look back at the basic descriptive statistics, particularly the means, to determine the nature of the differences which exist among and within groups. In other words, these analyses of variance are intended to be exploratory rather than confirmatory analyses.

Trend Analyses. The third analysis technique used was that of an analysis of variance of trend components using orthogonal polynomials, (Winer, 1962). In this method new variables were formed for each test by combining the four grade levels for a particular test using orthogonal polynomial coefficients. Three sets of new variables were formed which are termed a) zero-order trend, b) linear trend, and c) quadratic trend. The zero-order trend has coefficients of $1/2$, $1/2$, $1/2$, and $1/2$ for each grade level, and the sum over grades represents an average of a student's scores over time. The first-order or linear trend component, which is orthogonal (that is, independent of) the zero-order trend, has coefficients of $-3/\sqrt{20}$, $-1/\sqrt{20}$, $1/\sqrt{20}$, and $3/\sqrt{20}$. This component represents a measure of the general degree of increasing or decreasing linearity in the data over grade levels. The second-order or quadratic component has coefficients of $1/2$, $-1/2$, $-1/2$ and $1/2$. Again, this component is orthogonal to the other two. The quadratic equation can be said to measure curvature in the data where there is one point of inflation. Generally the quadratic component represents parabola-shaped data points where a sharp acceleration occurs or a leveling off occurs.

These three component variables were used in the same type of ANOVA as before, i.e., a four factor model ($2 \times 2 \times 4 \times 2$). The TGI had to be eliminated from these analyses because the successive forms of the test are not vertically equated as are SCAT and STEP, nor are the items the same at each grade level as they are in the BEQ scales. For each SCAT, STEP, and BEQ scale variable for every subject, component variables were computed by multiplying the coefficients by the appropriate score and summing across grade. These were then each used as the dependent variable in the ANOVAs, the output of which is shown in the appendix following the descriptive output and the standard ANOVA output. In addition to the ANOVA tables using trend components, the same basic descriptive statistics tables as mentioned previously were computed for each of the three trend components.

The zero-order trend is interpreted as a kind of average of the scores over the four grade levels. The overall test of difference from zero for this component is found on the ANOVA table line labeled "MEAN."

Table 5
Sample of ANOVA

DEPENDENT VARIABLE		***** ANALYSIS OF			VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE						
TOTAL	257670812.0000	3388							
MEAN	250957949.4619	1	256997949.4619	1294418.0000				0.0000	A academic B black BEQ Background and Experi- ence Questionnaire
ERROR	672862.5381	3388	198.5432						
CUR	82380.2951	1	82380.2951	634.2532				0.0000	COLL college
SFX	613.5077	1	613.5077	4.7234				0.0299	CF curriculum-father's education interaction
F.ED	14647.0088	3	4882.5363	37.5911				0.0000	CR curriculum-race interaction
RACE	58713.8517	1	58713.8517	452.0430				0.0000	CS curriculum-sex interaction
ERROR	439402.3722	3382	129.8855						
CS	223.8007	1	223.8007	1.7340				0.1862	CUR curriculum
CF	1274.1438	3	558.0479	4.3237				0.0048	D.K. respondent did not know ELEM elementary school
CR	61.6049	1	61.6049	0.4773				0.4898	F female
SF	727.1122	3	242.3707	1.8779				0.1311	F.ED father's education
SR	278.7857	1	278.7857	2.1500				0.1421	HS high school
FR	1178.6274	3	392.8758	3.0440				0.0273	M male
ERROR	435082.0926	3370	129.0671						
CSF	369.1592	3	123.0531	0.9544				0.4133	MAX maximum
CSK	489.7242	1	489.7242	3.7983				0.0515	MIN minimum
CFR	750.4451	3	250.1484	1.9402				0.1210	N (when in "curriculum"
SFR	85.7626	3	28.5942	0.2218				0.9813	N number of cases NDF number of degrees of freedom
ERROR	433341.0315	3360	128.9322						
CSFR	192.7257	3	64.2419	0.4980				0.6836	SCAT School and College Ability Tests
ERROR	433148.305	3357	128.9900						S.D. standard deviation STEP Sequential Tests of Educational Progress TCI Test of General Information W white * no valid statistic (N < 5)

For this component this test is, of course, always highly significant since scores which average about 250 are obviously not equal to zero. The rest of the table is interpreted as testing various interactions of curriculum, ethnicity, sex, and father's education with the zero-order component. A significant effect for sex, say, indicates that the average of the score over time is different for males and females. The direction of the difference would be ascertained by examining the means.

The linear and quadratic trend components were used to indicate one of four possible curve shapes. Figure 4 shows the possible curves which are relevant to the data in this study. Figure 4a illustrates a horizontal line over grade levels. This situation would result in non-significant linear and quadratic components. Figure 4b shows what would be a significant linear effect with no quadratic component. The curve shown in 4c would probably result in both a significant linear and quadratic component; i.e., a line through the data would fit the curve well, but the significant quadratic component indicates that the data level off from grades 9 to 11, as is often the case with growth data. Figure 4d shows a situation where there is no linear component, but a strong parabolic effect exists which would result in a significant quadratic component.

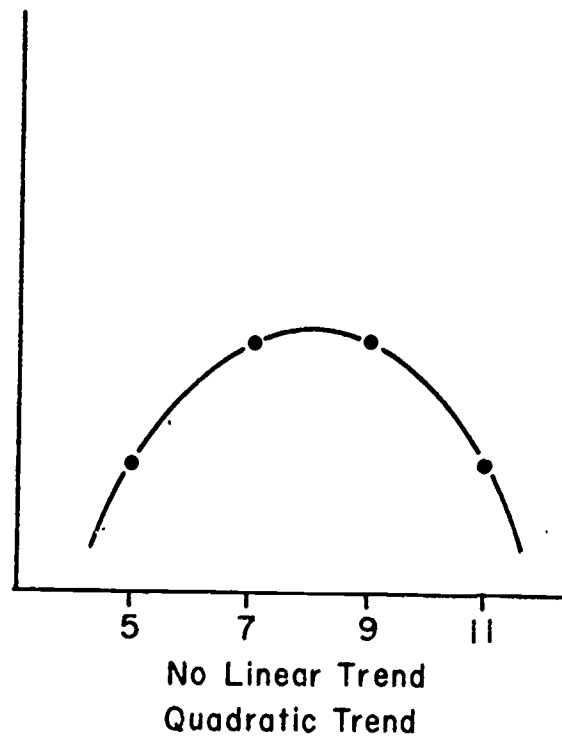
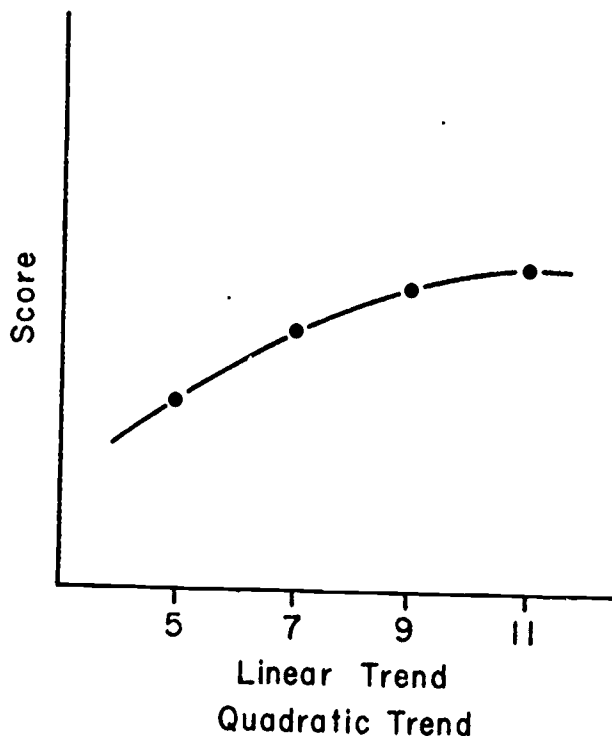
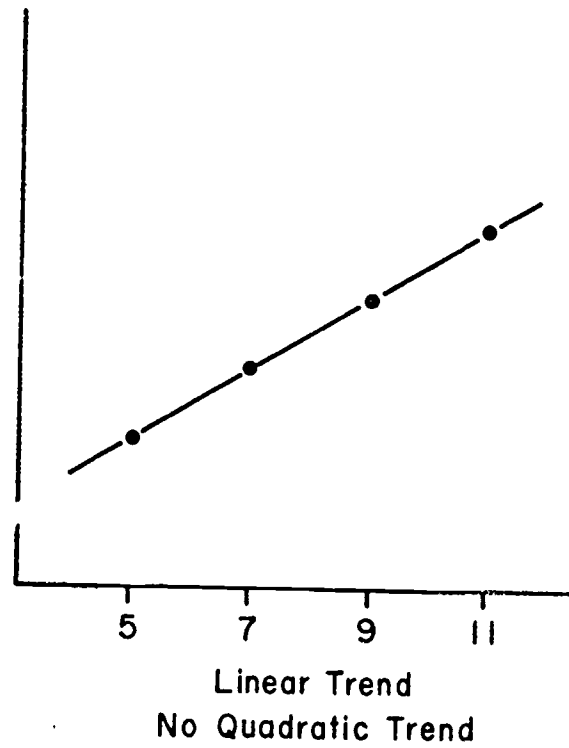
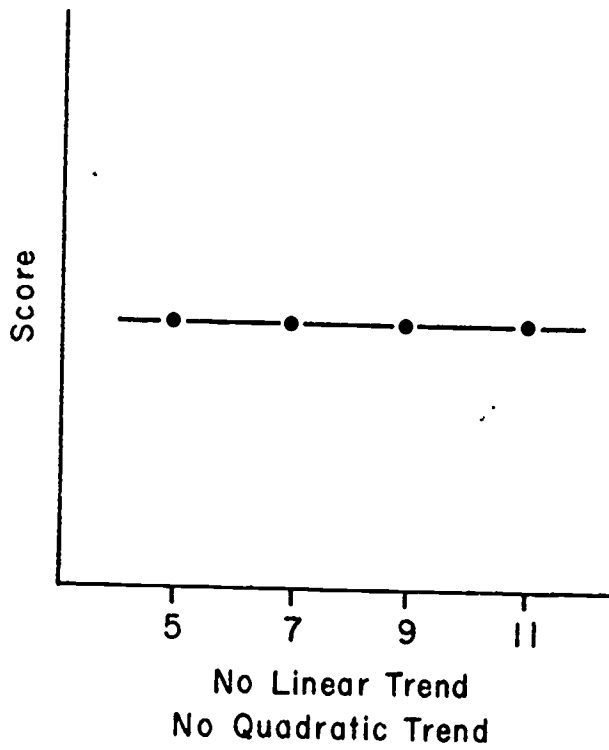
The overall test of the hypothesis of a linear or quadratic component equal to zero is found in the line labelled "MEAN" on the respective tables. Interactions of the factors with the linear or quadratic trends are indicated by significant effects in the tables. A significant sex effect, for example, in the quadratic table is interpreted to mean that curves for males and females are different for this component; i.e., one group may exhibit a different amount of leveling off from grades 9 to 11 or one group may level off and the other continue linearly through all grades.

Thus the ANOVA tables serve as pointers to possible situations of interest to the researcher in the basic mean data. The tables alone do not indicate the exact shape of the curve or the direction of differences. Significant effects in the ANOVA tables point to particular sets of means which it would be useful to explore graphically.

Correlation Tables. The final analytic technique employed was that of correlation. For each SCAT, STEP, TGI, and BEQ scale score the correlations among grade levels were computed. These 4 x 4 correlation tables were computed for the total sample of subjects with data for the measure in question and for the marginal groups of curriculum, sex, father's education, and ethnicity, as divided on the descriptive statistics output and the ANOVA tables. These tables provide a way of determining how predictable scores at a later grade level are from earlier scores.

Figure 4

Examples of Linear and Quadratic Trends



Chapter 4

Results

Although the primary objective of this research was to present descriptive results without interpretation or attempts to generate hypotheses, the temptation to offer a few generalizations is irresistible.

In Tables 6 through 9 the mean scores for each of the major subgroups on each of the dependent variables are given. In almost all cases the means differed significantly, thus supporting the authors' choice of classification variables. In other words the authors were successful in selecting subgroups of the total sample which would have significantly different mean scores on the dependent variables. This was viewed as desirable in order to have subgroups which would be likely--but not necessarily--to differ in stability.

As far as stability is concerned the correlations between occasions or grade levels will be considered first. These within-group correlations reflect relational stability or the extent to which the rank ordering among the students remained constant. Examination of the correlations suggest the following generalizations:

- (1) The relational stability of the scores of students enrolled in academic or college preparatory programs is greater than that of "nonacademic" students.
- (2) Relational stability is greater for white students than black students.
- (3) Relational stability is greater for students with more educated fathers than for students with less educated fathers.
- (4) Relational stability is greater for males on male-role-related measures (e.g., math, science, industrial arts) but greater for females on female-role-related measures (e.g., Home Arts, Music, Writing).

Generally the relational stability for the measures included in this study was high. The correlation from Grade 5 to Grade 11 was highest for the academic ability measures (.70 to .80), next highest for the information tests (.50 to .70) and lowest for the BEQ interest and activities scales (.30 to .50). The relational stability of the latter group of measures is low enough to raise serious questions about the use of short measures of interests in guidance and counseling, at least for students in this adolescent period.

Table 6

Means for Blacks and Whites on SCAT, STEP, TGI, and BEQ
 Tests at Grades 5, 7, 9, & 11
 Note: Only means which differ significantly are given

Test		Grade								
		5		7		9		11		
		Race								
		W	B	W	B	W	B	W	B	
SCAT	V	251.47	240.44	265.48	252.69	277.85	262.89	285.06	270.64	
	Q	258.33	250.57	276.99	265.31	291.47	276.11	296.71	279.20	
STEP	M	248.82	238.31	261.64	246.74	271.73	256.90	278.65	260.56	
	S	256.74	244.18	267.71	257.64	275.25	263.17	282.88	270.61	
	R	260.92	246.48	273.54	257.93	284.26	269.99	295.93	279.89	
	SS	253.24	241.94	263.46	251.73	274.31	259.35	280.27	265.93	
	L	270.55	257.46	280.49	265.72	287.34	274.64	293.24	279.55	
	W	259.06	246.99	267.96	253.06	280.56	263.96	290.83	275.02	
	TGI	A	6.10	3.40	6.00	3.81	5.88	3.91	9.22	6.93
		B	7.32	4.31	6.87	4.90	7.73	5.33	8.04	5.60
		C	6.89	3.85	6.40	4.75	7.13	4.78	9.48	6.89
D		7.49	4.38	7.11	4.69	8.20	5.69	8.41	5.22	
E		6.09	3.54	6.20	3.82	7.05	4.35	8.84	6.19	
F		6.96	4.33	7.30	4.94	7.53	5.16	8.51	5.43	
G		6.93	4.26	7.14	4.52	6.96	4.24	8.44	6.11	
H		6.05	4.21	5.55	3.55	7.23	4.94	6.36	4.24	
BEQ	1			48.85	53.78	49.10	53.02	49.32	53.58	
	2			49.50	50.85	49.31	50.94	49.52	51.03	
	3			48.98	52.14	48.87	52.91	49.17	54.20	
	4			N.S		N.S.		N.S.		
	5	No Data		N.S.		50.48	51.61	50.17	50.67	
	6			N.S.		N.S.		50.28	51.05	
	7			50.76	50.90	51.00	50.71	N.S.		
	8		49.40	52.05	N.S.		N.S.			
	9		N.S.		N.S.		N.S.			
	10		N.S.		49.66	51.14	49.35	51.90		
	11		N.S.		N.S.		N.S.			

Table 7

Means for Academic and Non-academic Curriculums on
SCAT, STEP, TGI, and BEQ Tests at Grades 5, 7, 9, & 11
Note: Only means which differ significantly are given

Test		Grade							
		5		7		9		11	
		Curriculum							
		A	N	A	N	A	N	A	N
SCAT	V	254.67	244.74	269.30	257.60	282.10	268.90	290.32	275.21
	Q	260.33	253.86	280.69	269.57	296.41	281.74	302.55	285.42
STEP	M	251.38	242.89	265.30	253.22	275.82	263.03	283.01	268.71
	S	259.84	249.62	270.97	261.25	279.75	267.03	286.33	275.52
	R	264.92	252.27	278.78	263.35	289.18	274.95	301.40	285.30
	SS	256.27	246.61	267.58	255.60	279.07	264.96	285.85	270.14
	L	273.66	263.25	284.63	271.64	291.87	278.87	297.66	284.54
	W	262.42	251.84	272.60	258.58	285.69	270.30	296.81	279.82
TGI	A	6.66	4.69	6.37	4.95	6.28	4.85	9.78	7.93
	B	7.81	5.88	7.31	5.81	8.24	6.44	8.68	6.63
	C	7.55	5.26	6.83	5.45	7.82	5.67	10.02	8.13
	D	8.13	5.86	7.80	5.66	8.69	6.90	9.22	6.59
	E	6.77	4.59	6.84	4.81	7.81	5.41	9.78	7.07
	F	7.62	5.46	8.09	5.76	8.30	5.99	9.29	6.76
	G	7.49	5.52	7.74	5.71	7.68	5.36	9.07	7.08
	H	6.64	4.88	6.18	4.28	7.76	5.95	6.89	5.16
BEQ	1			48.40	50.51	N.S.		N.S.	
	2			N.S.		50.45	48.69	50.90	48.54
	3			N.S.		N.S.		N.S.	
	4			53.49	47.62	55.47	47.35	54.86	46.36
	5	No Data		51.14	49.21	52.02	49.21	52.21	48.14
	6			52.76	49.47	54.08	47.17	53.68	46.91
	7			52.68	48.71	53.84	48.04	53.77	47.25
	8			48.91	50.57	48.68	50.87	48.93	51.26
	9			N.S.		N.S.		N.S.	
	10			N.S.		N.S.		N.S.	
	11			52.22	48.73	53.51	49.02	53.12	47.81

Table 8

Means for Males and Females on SCAT, STEP, TGI, and BEQ
Tests at Grades 5, 7, 9, & 11

Note: Only means which differ significantly are given

Test		Grade							
		5		7		9		11	
		Sex							
		M	F	M	F	M	F	M	F
SCAT	V	248.93	250.43	N.S.		N.S.		N.S.	
	Q	256.77	257.40	N.S.		N.S.		296.08	292.35
STEP	M	N.S.		N.S.		270.42	268.23	278.53	273.61
	S	N.S.		266.98	265.37	274.50	272.10	283.50	278.81
	R	255.86	261.07	268.52	273.37	278.74	284.67	290.72	295.88
	SS	N.S.		N.S.		N.S.		279.27	277.05
TGI	L	N.S.		N.S.		N.S.		N.S.	
	W	253.80	260.12	261.90	268.91	273.30	281.79	284.12	292.16
	A	6.33	5.09	6.51	4.91	6.81	4.47	8.13	9.52
	B	6.49	7.16	6.28	6.82	6.69	7.91	8.66	6.79
	C	6.84	6.02	6.54	5.79	7.49	6.10	9.35	8.85
	D	N.S.		N.S.		7.98	7.63	N.S.	
	E	5.47	5.87	5.69	5.96	N.S.		8.72	8.18
	F	6.78	6.34	7.17	6.72	7.50	6.84	8.56	7.58
BEQ	G	6.77	6.27	7.12	6.39	6.96	6.13	N.S.	
	H	5.94	5.60	5.54	4.97	N.S.		6.32	5.78
	1			43.31	54.79	42.19	56.38	42.13	56.79
	2			55.70	44.33	56.03	43.88	55.80	44.43
	3			49.98	48.77	N.S.		N.S.	
	4			N.S.		N.S.		49.70	51.56
	5	No Data		49.66	50.70	49.95	51.25	49.13	51.21
	6			50.60	51.69	N.S.		N.S.	
	7			48.96	52.37	49.76	52.00	49.28	51.70
	8			48.10	51.12	47.24	52.00	48.16	51.75
	9			53.90	45.48	54.09	44.76	54.50	44.69
10			51.41	48.87	51.56	48.42	50.80	48.77	
11			49.09	51.83	49.22	53.09	47.60	53.07	

Means for Levels of Father's Education (Elementary, High School, College, or Respondent Did Not Know) on SCAT, STEP, TGI, and BEQ Tests at Grades 5, 7, 9, & 11

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As far as linear stability is concerned all of the ability variables had a significant linear component. Male-female differences in linearity followed those for mean differences: males were more linear on male-related scales and similarly for females. The students with more educated fathers exhibited more linear stability than those with less educated fathers, the academic students more than the nonacademic and the white students more than the black students, except on the BEQ scales where the black students were more linear.

All the scales except STEP Writing also had a significant quadratic component. When plotted, the trend lines show the characteristics of standard growth curves, i.e., they are ascending monotonic lines with constantly decreasing slope.

When we examine the trend lines for the major subgroups of the total sample, we find more significant quadratic components for academic students, for males, for students with more educated fathers and for white students. In the latter case the black students tended to "level off" at lower levels than the white students.

This concludes the brief summary of the results obtained. Only the most salient features of the results have been mentioned. The bulk of the output awaits summarizing and interpretation. The interactions, for example, suggest a number of hypotheses about differential growth and stability among subgroups of the sample. It is the authors' hope that educational researchers and practitioners will find this compilation of longitudinal data useful and a stimulus to further research on student growth and development.

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SCAT VERBAL, FORM 5B, GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1832	254.67	12.19	225.00	285.00	239.01	244.76	253.37	262.82	270.67
NON-ACADEMIC		1818	244.74	9.38	225.00	281.00	233.92	237.59	243.12	249.83	257.44
MALES		1717	248.93	12.19	225.00	285.00	234.73	239.49	245.94	256.33	267.00
FEMALES		1933	250.43	11.71	225.00	285.00	236.08	241.32	248.18	257.67	267.70
ELEM F.ED.		1050	246.63	10.05	225.00	285.00	234.94	238.80	244.52	252.12	260.18
HS F.ED.		956	249.04	11.70	225.00	285.00	235.22	240.18	246.48	255.93	266.53
COLL F.ED.		1230	254.53	12.25	225.00	285.00	238.74	244.37	253.25	262.64	270.78
U.K.F.ED.		414	244.87	11.22	225.00	285.00	231.58	236.20	242.94	250.70	260.65
BLACK		577	240.44	8.06	225.00	281.00	230.56	234.81	238.52	244.28	250.05
WHITE		3073	251.47	11.77	225.00	285.00	237.20	242.36	249.58	258.86	268.33
NOT IN SAMPLE		5061	245.67	12.03	225.00	285.00	231.50	236.37	243.10	252.09	262.98

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F.ED RACE											
A M ELEM B		18	239.44	5.91	225.00	249.00	233.20	235.67	238.80	242.67	246.40
A M ELEM W		161	250.34	11.80	225.00	285.00	235.53	241.17	250.20	256.76	265.90
A M HS B		30	243.10	9.72	228.00	269.00	232.00	235.56	240.00	248.00	257.00
A M HS W		228	253.64	11.79	225.00	285.00	239.35	244.19	252.00	260.78	269.62
A M COLL B		20	244.65	11.62	228.00	281.00	234.80	237.20	241.20	247.60	250.00
A M COLL W		396	257.29	11.73	231.00	285.00	241.51	247.50	256.52	266.38	272.85
A M D.K. B		16	241.06	5.74	230.00	254.00	234.60	237.00	241.00	244.40	247.60
A M D.K. W		38	254.16	11.28	236.00	277.00	240.40	243.64	251.60	266.25	269.10
A F ELEM B		37	246.65	9.67	231.00	277.00	235.54	239.25	244.36	250.75	259.20
A F ELEM W		147	253.02	11.84	230.00	285.00	237.29	243.75	251.44	261.70	269.01
A F HS B		27	243.07	10.05	225.00	267.00	228.80	236.20	242.75	246.50	256.60
A F HS W		186	256.08	11.41	230.00	285.00	242.10	247.10	254.60	264.00	270.80
A F COLL B		15	246.73	8.71	232.00	269.00	236.00	241.50	244.80	251.00	257.00
A F COLL W		445	258.70	11.39	232.00	285.00	243.86	250.02	258.03	267.19	273.69
A F D.K. B		13	245.00	8.41	230.00	259.00	231.20	236.50	244.50	249.50	256.80
A F D.K. W		55	254.49	11.75	225.00	285.00	241.33	246.78	253.25	262.50	269.25
N M ELEM B		54	239.43	5.98	227.00	252.00	230.80	235.24	237.81	243.40	247.28
N M ELEM W		239	244.01	8.41	225.00	273.00	234.10	238.06	242.92	248.11	254.07
N M HS B		49	239.02	8.45	225.00	264.00	227.66	233.25	237.83	242.87	250.13
N M HS W		170	245.62	10.37	225.00	281.00	234.00	238.69	243.64	250.95	259.14
N M COLL B		21	240.24	8.04	225.00	257.00	230.13	234.20	239.00	245.75	249.87
N M COLL W		140	247.66	10.10	227.00	281.00	235.07	240.22	245.86	253.60	261.20
N M D.K. B		51	235.80	6.73	225.00	255.00	227.55	230.92	234.74	237.42	243.90
N M D.K. W		86	243.36	10.20	225.00	277.00	231.28	236.11	241.47	247.80	257.20
N F ELEM B		85	240.20	6.59	225.00	261.00	231.75	235.27	238.64	243.10	249.67
N F ELEM W		309	247.14	7.98	231.00	277.00	236.58	240.61	245.40	252.11	258.02
N F HS B		55	239.89	6.53	227.00	257.00	231.00	234.83	237.89	243.70	248.50
N F HS W		211	246.96	9.09	229.00	277.00	235.92	240.02	245.25	251.57	258.76
N F COLL B		22	239.32	7.34	232.00	267.00	232.93	234.91	238.91	240.50	245.60
N F COLL W		171	248.46	9.81	225.00	277.00	236.76	240.47	245.39	254.08	261.71
N F D.K. B		64	237.75	5.04	225.00	257.00	230.33	232.59	236.86	242.29	245.03
N F D.K. W		91	247.33	9.58	228.00	277.00	235.82	240.50	245.18	252.06	261.12
TOTAL		3650	249.72	11.96	225.00	285.00	235.38	240.42	247.21	257.05	267.39

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

Table 2

SCAT VERBAL, FORM 4B, GRADE 7, 1963

CLASSIFICATION										
MARGINALS										
	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
ACADEMIC	1797	269.30	12.51	232.00	301.00	252.41	260.26	269.07	277.68	284.70
NON-ACADEMIC	1789	257.60	10.69	232.00	297.00	241.59	249.77	256.42	264.09	270.96
MALES	1687	263.17	13.41	232.00	301.00	245.66	252.99	261.97	271.31	280.49
FEMALES	1099	263.72	12.67	232.00	301.00	247.74	253.77	262.50	271.26	280.46
ELEM F.ED.	1024	259.67	11.29	232.00	301.00	245.29	251.04	258.49	266.52	274.16
HS F.ED.	938	262.45	12.60	232.00	301.00	246.42	252.78	261.50	270.20	278.83
COLL F.ED.	1220	259.15	12.60	232.00	301.00	252.38	259.51	269.08	277.70	284.65
D.K.F.ED.	404	258.21	13.10	232.00	297.00	241.63	249.10	255.93	266.00	276.16
BLACK	565	252.69	9.95	232.00	288.00	240.23	245.38	251.13	258.23	266.08
WHITE	3021	265.48	12.53	232.00	301.00	249.39	255.96	264.35	272.89	281.78
NOT IN SAMPLE	4396	258.15	13.97	232.00	301.00	240.32	247.58	256.00	267.52	277.41
CLASSIFICATION										
CUR SEX F.ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A M ELEM B	18	253.83	11.18	232.00	277.00	239.20	246.00	253.33	261.50	264.80
A M FLEM W	159	265.67	12.70	232.00	301.00	248.63	256.21	264.35	273.93	281.05
A M HS B	29	255.48	11.89	234.00	282.00	241.80	247.25	251.71	265.00	270.80
A M HS W	222	267.82	12.66	232.00	301.00	251.40	258.95	267.52	275.68	283.02
A M COLL B	20	257.45	12.42	236.00	288.00	242.00	250.00	255.20	261.33	272.00
A M COLL W	391	272.94	11.78	238.00	301.00	257.35	264.82	271.57	280.57	287.10
A M D.K. B	16	254.75	9.01	236.00	270.00	242.40	249.60	254.00	260.00	265.60
A M D.K. W	36	270.08	11.07	241.00	291.00	257.28	261.60	269.00	278.00	284.53
A F ELEM B	37	258.89	8.46	247.00	274.00	247.70	250.63	257.67	266.33	270.46
A F ELEM W	136	266.88	11.87	238.00	294.00	250.40	258.86	266.57	275.43	283.40
A F HS B	26	257.96	11.46	243.00	282.00	244.80	249.00	254.00	260.00	276.80
A F HS W	181	270.59	10.84	248.00	297.00	255.27	261.65	269.74	277.72	284.51
A F COLL B	15	260.20	8.12	245.00	274.00	247.00	255.00	259.50	265.00	271.00
A F COLL W	444	272.88	11.08	236.00	301.00	257.90	264.74	271.45	280.08	286.24
A F D.K. B	13	259.38	10.78	240.00	278.00	245.20	252.33	258.00	266.33	274.80
A F D.K. W	54	270.26	12.47	234.00	297.00	255.52	261.25	268.36	279.00	286.13
N M ELEM B	53	251.47	8.29	237.00	270.00	240.65	244.63	250.17	256.50	262.70
N M ELEM W	235	257.11	9.44	236.00	286.00	244.10	250.03	256.33	262.57	269.12
N M HS B	48	251.50	10.88	232.00	278.00	236.80	245.00	250.00	258.00	266.40
N M HS W	167	258.81	10.59	232.00	286.00	244.85	251.26	258.17	265.53	271.13
N M COLL B	20	252.65	8.08	232.00	267.00	244.67	246.67	252.00	258.00	262.67
N M COLL W	138	263.54	10.42	237.00	291.00	250.17	255.89	262.59	270.52	276.48
N M D.K. B	50	247.76	9.97	232.00	275.00	233.33	240.91	246.29	252.40	260.00
N M D.K. W	85	256.25	11.07	232.00	297.00	243.00	249.56	254.87	262.11	269.50
N F ELEM B	85	251.00	7.47	234.00	270.00	241.08	244.93	250.00	255.58	260.40
N F ELEM W	301	259.59	9.52	232.00	297.00	247.81	252.85	259.00	265.34	271.14
N F HS B	53	252.11	8.73	234.00	272.00	240.58	244.20	252.62	255.94	263.40
N F HS W	212	259.32	9.92	237.00	291.00	246.22	251.35	258.75	265.60	271.45
N F COLL B	21	250.05	11.18	237.00	284.00	238.10	242.50	247.00	251.75	263.60
N F COLL W	171	261.81	10.85	232.00	294.00	248.62	253.25	260.10	268.85	276.97
N F D.K. B	61	249.48	8.45	232.00	278.00	238.05	243.00	249.08	253.92	258.90
N F D.K. W	89	260.29	10.97	236.00	288.00	247.92	251.79	258.75	266.82	276.10
TOTAL	3586	263.46	13.02	232.00	301.00	246.72	253.42	262.25	271.28	280.48

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction:
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 3

SCAT VERBAL, FORM 3B, GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1654	269.22	12.28	240.00	315.00	264.88	274.79	283.18	289.54	295.73
NON-ACADEMIC		1736	268.90	12.61	240.00	306.00	251.85	259.25	268.45	278.29	284.83
MALES		1590	275.37	14.17	240.00	315.00	255.04	265.00	276.25	285.24	291.81
FEMALES		1800	275.31	14.01	240.00	315.00	255.59	264.69	276.13	285.30	291.76
ELEM F.ED.		1032	271.81	13.08	240.00	315.00	254.22	262.30	271.64	280.89	287.78
HS F.ED.		911	274.77	13.47	240.00	315.00	255.64	264.82	275.88	283.95	290.42
COLL F.ED.		1050	281.82	12.69	240.00	315.00	263.41	274.17	283.41	289.57	295.87
D.K.F.ED.		397	268.67	14.82	240.00	309.00	250.07	256.17	267.71	279.39	287.84
BLACK		569	262.89	12.60	240.00	309.00	246.96	253.77	261.25	271.07	280.01
WHITE		2821	277.85	13.00	240.00	315.00	259.67	268.32	278.53	286.59	292.62
NOT IN SAMPLE		4695	269.47	15.06	240.00	315.00	249.20	257.83	268.70	280.42	288.42

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	18	269.22	11.11	240.00	287.00	257.20	263.50	268.00	275.00	286.40
A	M	ELEM	M	158	278.30	13.33	243.00	315.00	260.90	268.83	279.64	286.11	292.76
A	M	HS	B	30	266.53	13.44	240.00	288.00	246.00	257.00	264.67	277.33	284.67
A	M	HS	M	213	281.56	10.82	245.00	309.00	267.72	274.92	281.92	287.89	294.49
A	M	COLL	B	19	271.47	14.37	249.00	309.00	251.80	263.00	269.33	277.00	290.40
A	M	COLL	M	341	286.13	10.45	240.00	315.00	272.03	279.83	286.35	292.09	297.69
A	M	D.K.	B	16	267.88	11.80	243.00	286.00	252.40	260.00	268.00	276.00	283.87
A	M	D.K.	M	35	282.03	11.72	249.00	303.00	267.50	275.00	283.20	289.50	292.00
A	F	ELEM	B	37	272.57	10.27	251.00	291.00	259.40	264.43	272.00	279.00	286.40
A	F	ELEM	M	145	279.28	13.42	245.00	315.00	259.40	270.90	279.87	288.36	293.54
A	F	HS	B	27	267.89	15.14	240.00	291.00	248.80	256.33	267.00	279.67	290.40
A	F	HS	M	174	283.50	10.39	252.00	315.00	269.29	276.30	283.24	289.76	295.72
A	F	COLL	B	13	274.69	10.62	256.00	291.00	259.20	267.67	276.00	280.33	288.80
A	F	COLL	M	362	286.43	9.52	259.00	309.00	273.80	280.24	286.46	291.82	297.84
A	F	D.K.	B	13	271.46	16.58	247.00	303.00	248.60	262.33	272.00	281.00	292.80
A	F	D.K.	M	53	282.87	11.52	251.00	309.70	267.84	275.44	282.22	289.80	297.70
A	M	ELEM	B	54	261.48	10.84	240.00	281.00	250.18	253.78	260.22	270.33	276.08
A	M	ELEM	M	234	269.56	11.37	240.00	291.00	253.76	261.57	269.87	277.29	284.02
A	M	HS	B	46	261.93	13.00	240.00	288.00	244.60	251.50	260.00	270.40	281.20
A	M	HS	M	160	271.88	12.05	240.00	298.00	256.22	263.11	272.15	280.08	286.00
A	M	COLL	B	21	262.71	11.51	240.00	284.00	250.88	253.40	261.00	269.50	277.87
A	M	COLL	M	116	275.17	11.94	243.00	303.00	258.60	266.47	276.18	284.11	288.24
A	M	D.K.	B	50	258.16	11.17	240.00	285.00	246.00	250.55	255.33	264.00	278.00
A	M	D.K.	M	79	266.78	12.44	240.00	300.00	251.05	256.50	266.17	274.14	282.13
A	F	ELEM	B	85	260.22	11.19	240.00	285.00	245.50	253.40	259.20	265.91	277.00
A	F	ELEM	M	301	271.72	11.03	240.00	296.00	256.70	263.92	271.20	279.75	285.43
A	F	HS	B	55	260.22	10.15	240.00	283.00	248.00	253.44	258.86	265.67	272.00
A	F	HS	M	206	271.50	11.05	240.00	292.00	256.04	262.75	271.33	279.93	284.93
A	F	COLL	B	22	259.23	11.75	240.00	290.00	246.40	252.00	258.00	265.33	275.60
A	F	COLL	M	156	274.27	12.06	240.00	306.00	257.30	265.38	274.44	282.53	288.77
A	F	D.K.	B	63	256.43	9.90	240.00	281.00	243.53	249.83	255.63	261.57	270.70
A	F	D.K.	M	88	270.95	12.23	240.00	296.00	254.90	260.80	270.33	280.00	286.16
TOTAL		3390	275.34	14.09	240.00	315.00	255.36	264.84	276.19	285.27	291.78		

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

SCAT VERBAL, FORM 28, GRADE 11, 1967

TABLE 4

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1809	290.32	15.17	243.00	327.00	272.44	281.20	290.61	298.91	305.67
NON-ACADEMIC		1775	275.21	12.73	241.00	323.00	257.59	266.18	274.61	283.92	291.51
MALES		1680	263.01	15.06	241.00	327.00	262.67	272.37	283.04	293.26	301.53
FEMALES		1904	282.68	14.94	241.00	323.00	263.09	271.53	282.47	293.01	301.48
ELEM F.ED.		1041	278.02	13.02	243.00	323.00	260.65	268.65	276.82	287.38	294.41
HS F.ED.		952	282.04	14.32	241.00	327.00	263.22	271.73	281.61	291.24	299.92
COLL F.ED.		1221	289.79	13.89	243.00	327.00	270.70	279.60	290.45	299.06	305.84
D.K.F.ED.		370	275.48	16.06	241.00	323.00	254.26	263.62	273.87	287.13	295.81
BLACK		552	270.64	13.10	241.00	311.00	252.95	261.21	269.44	278.46	287.72
WHITE		3032	285.06	14.23	242.00	327.00	266.04	274.47	285.32	294.63	302.55
NOT IN SAMPLE		3547	279.13	15.82	241.00	327.00	256.90	267.76	278.55	289.75	299.01

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	275.00	11.75	243.00	263.20	268.67	276.00	282.00	292.40
A	M	ELEM	W	158	285.14	13.41	244.00	266.53	275.44	287.20	293.75	299.14
A	M	HS	B	30	276.93	14.35	243.00	258.00	264.67	277.60	288.50	293.33
A	M	HS	W	225	290.12	12.18	252.00	274.14	280.69	289.89	297.75	304.93
A	M	COLL	B	20	281.35	14.64	258.00	260.00	272.00	280.00	288.00	300.00
A	M	COLL	W	393	294.35	11.79	262.00	277.62	286.20	294.39	301.74	307.96
A	M	D.K.	B	16	276.81	11.78	254.00	262.40	266.67	277.33	286.67	290.80
A	M	D.K.	W	32	289.53	12.28	267.00	270.20	279.00	290.00	296.00	305.80
A	F	ELEM	B	37	278.51	9.42	258.00	266.80	271.00	276.40	285.40	290.30
A	F	ELEM	W	147	286.38	13.45	251.00	267.76	276.87	287.47	295.48	302.55
A	F	HS	B	26	277.04	16.02	246.00	250.40	268.50	276.00	287.00	297.60
A	F	HS	W	186	290.64	11.45	258.00	275.38	282.57	289.66	298.64	304.23
A	F	COLL	B	15	283.27	10.67	265.00	267.00	277.50	284.40	287.40	301.00
A	F	COLL	W	444	294.44	11.41	263.00	278.23	286.52	294.44	301.51	307.69
A	F	D.K.	B	12	282.67	13.59	264.00	264.40	268.00	282.00	293.33	295.73
A	F	D.K.	W	50	289.68	15.48	244.00	272.00	278.50	289.50	299.50	309.33
N	M	ELEM	B	55	267.60	9.95	244.00	252.86	259.67	268.55	276.10	279.40
N	M	ELEM	W	234	275.21	10.83	251.00	259.29	267.90	274.98	282.25	289.15
N	M	HS	B	48	269.75	13.29	241.00	253.07	261.14	269.33	278.00	288.27
N	M	HS	W	171	277.01	12.55	248.00	259.40	267.94	277.09	285.31	291.97
N	M	COLL	B	20	268.80	11.08	248.00	250.00	260.00	269.00	276.00	280.00
N	M	COLL	W	140	282.79	12.52	251.00	266.22	273.25	283.64	291.75	296.40
N	M	D.K.	B	41	266.66	11.89	246.00	252.07	256.50	265.00	271.83	279.80
N	M	D.K.	W	79	272.70	14.19	242.00	253.52	261.75	273.38	282.25	290.48
N	F	ELEM	B	84	267.37	11.19	246.00	252.15	258.67	266.20	273.14	283.47
N	F	ELEM	W	308	277.16	10.79	244.00	263.07	269.20	275.92	285.19	291.63
N	F	HS	B	54	268.15	10.70	241.00	253.92	260.86	268.00	274.57	281.60
N	F	HS	W	212	277.63	11.50	242.00	263.28	268.52	277.00	285.57	291.48
N	F	COLL	B	21	266.71	13.00	243.00	250.00	257.67	263.50	273.50	281.80
N	F	COLL	W	168	279.62	12.49	244.00	264.45	271.38	278.29	288.00	296.60
N	F	D.K.	B	55	262.05	11.01	241.00	247.19	253.88	260.86	269.25	275.14
N	F	D.K.	W	85	276.09	13.77	242.00	258.50	265.91	274.37	285.87	294.00
TOTAL		3584	282.34	15.00	241.00	327.00	262.90	271.97	282.71	293.13	301.50	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

SCAT VERBAL, FORM 5B, GRADE 5, 1961

TABLE 5

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****			
		1			
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	228144519.0000	3649			
MEAN	227622549.9614	1	227622549.9614	1591271.0000	0.0000
ERROR	521969.0386	3648	143.0445		
CUR	49514.6458	1	49514.6458	474.0303	0.0000
SEX	3717.0768	1	3717.0768	35.5942	0.0001
F.ED	9802.3720	3	3267.4573	31.2811	0.0000
RACE	31248.5734	1	31248.5734	299.1594	0.0000
ERROR	380527.7785	3642	104.4546		
CS	46.2008	1	46.2008	0.4463	0.5042
CF	1539.8185	3	513.2728	4.9583	0.0020
CR	1108.1906	1	1108.1906	10.7052	0.0012
SF	559.4794	3	186.4931	1.8015	0.1447
SR	47.3761	1	47.3761	0.4577	0.4990
FR	717.6311	3	239.2104	2.3108	0.0743
ERROR	375875.1847	3630	103.5184		
CS	195.8596	3	65.2865	0.6298	0.5955
CSR	205.7286	1	205.7286	1.9847	0.1591
CFR	117.9421	3	39.3140	0.3793	0.7679
SFR	24.8325	3	8.2775	0.0799	0.9709
ERROR	375342.2018	3620	103.6571		
CSFR	335.4808	3	111.8269	1.0789	0.3567
ERROR	375006.7209	3617	103.6503		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

SCAT VERBAL, FORM 4B, GRADE 7, 1963

TABLE 6

DEPENDENT VARIABLE 1 ***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	249518872.0000	3585			
MEAN	248910437.9624	1	248910437.9624	1466623.0000	0.0000
ERROR	608434.0376	3584	169.7167		
CUR	67358.2050	1	67358.2050	572.6140	0.0000
SEX	1176.0893	1	1176.0893	9.9980	0.0018
F-ED	13510.7366	3	4503.5789	38.2850	0.0000
RACE	41031.1957	1	41031.1957	348.8074	0.0000
ERROR	421067.6569	3578	117.6328		
CS	202.3478	1	202.3478	1.7350	0.1882
CF	952.6392	3	317.5464	2.7227	.0428
CR	1132.8175	1	1132.8175	9.7131	0.0020
SF	1404.3308	3	468.1103	4.0137	0.0074
SR	10.2093	1	10.2093	0.0375	0.7674
FR	973.5131	3	324.5044	2.7824	0.0396
ERROR	416011.5653	3566	116.6279		
CSF	489.4407	3	163.1469	1.3981	0.2415
CSR	356.0786	1	356.0786	3.0514	0.0809
CFR	132.8779	3	44.2926	0.3796	0.7677
SFR	16.2068	3	5.4023	0.0463	0.9870
ERROR	415073.8118	3556	116.6921		
CSFR	235.2312	3	78.4104	0.6718	0.5692
ERROR	414838.5806	3553	116.7245		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

SCAT VERBAL, FORM 38, GRADE 9, 1965

Table 7

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
		1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	KEY		
TOTAL	257670812.0000	3389			A academic		
MEAN	25697949.4619	1	25697949.4619	1294418.0000	B black		
ERROR	672862.5381	3388	198.5432		BEQ Background and Experience Questionnaire		
CUR	82380.2951	1	82380.2951	634.2532	COLL college		
SEX	613.5077	1	613.5077	4.7234	CF curriculum-father's education interaction		
F.ED	14647.6088	3	4882.5363	37.5911	CR curriculum-race interaction		
RACE	58713.8517	1	58713.8517	452.0430	CS curriculum-sex interaction		
ERROR	439402.3722	3382	129.8855		CUR curriculum		
CS	223.8007	1	223.8007	1.7340	D.K. respondent did not know		
CF	1674.1438	3	558.0479	4.3237	ELEM elementary school		
CR	61.6049	1	61.6049	0.4773	F female		
SF	727.1122	3	242.3707	1.8779	F.ED father's education		
SR	278.7857	1	278.7857	2.1600	HS high school		
FR	1178.6274	3	392.8758	3.0440	M male		
ERROR	435085.0926	3370	129.0671		MAX maximum		
CSF	369.1592	3	123.0531	0.9544	MIN minimum		
CSR	489.7242	1	489.7242	3.7983	N (when in "curriculum"		
CFR	750.4451	3	250.1484	1.9402	column) non-academic		
SFR	85.7826	3	28.5942	0.2218	N number of cases		
ERROR	433341.0315	3360	128.9322		NDF number of degrees of freedom		
CSFR	192.7257	3	64.2419	0.4980	SCAT School and College Ability Tests		
ERROR	433148.3058	3357	128.9900		S.D. standard deviation		
					STEP Sequential Tests of Educational Progress		
					TGI Test of General Information		
					W white		
					* no valid statistic (N < 5)		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

SCAT VERBAL, FORM 2B, GRADE 11, 1967

TABLE B

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				KEY	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F		
TOTAL	287510287.0000	3583				A	academic
MEAN	286704103.2147	1	286704103.2147	1274226.0000	0.0000	B	black
ERROR	806183.7853	3582	225.0025			BEQ	Background and Experience Questionnaire
CUR	117864.1499	1	117864.1499	808.6404	0.0000	COLL	college
SEX	187.1933	1	187.1933	1.2843	0.2574	CF	curriculum-father's education interaction
F.ED	21668.5676	3	7222.8559	49.5544	0.0000	CR	curriculum-race interaction
RACE	45999.3245	1	45999.3245	315.5913	0.0000	CS	curriculum-sex interaction
ERROR	521368.7646	3576	145.7559			CUR	curriculum
CS	299.3619	1	299.3619	2.0671	0.1510	D.K.	respondent did not know
CF	2299.2173	3	766.4058	5.2922	0.0014	ELEM	elementary school
CR	188.0628	1	188.8628	1.3041	0.2537	F	female
SF	1236.7402	3	412.2467	2.8466	0.0363	F.ED	father's education
SR	212.2484	1	212.4484	1.4656	0.2265	HS	high school
FR	695.2874	3	231.7625	1.6004	0.1872	M	male
ERROR	516279.7303	3564	144.8191			MAX	maximum
CSF	471.0053	3	157.0018	1.0845	0.3542	MIN	minimum
CSR	419.1591	1	419.1991	2.8960	0.0891	N	(when in "curriculum" column) non-academic
CFR	589.9910	3	196.6637	1.3586	0.2536	N	number of cases
SFR	252.2507	3	84.0836	0.5809	0.6272	NDF	number of degrees of freedom
ERROR	514596.0455	3554	144.7528			SCAT	School and College Ability Tests
CSFR	437.1839	3	145.7280	1.0067	0.3887	S.D.	standard deviation
ERROR	514158.8616	3551	144.7520			STEP	Sequential Tests of Educational Progress
						TGI	Test of General Information
						W	white
						*	no valid statistic (N < 5)

SCAT VERBAL, 0 ORDER TREND

Table 9

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1581	273.63	11.70	235.00	305.00	258.17	265.51	273.76	281.50	288.51
NON-ACADEMIC		1636	261.74	10.35	235.25	296.75	248.19	254.00	261.27	268.62	275.37
MALES		1513	267.37	12.68	235.00	305.00	250.43	258.12	266.81	275.94	284.04
FEMALES		1704	267.77	12.40	235.25	301.75	251.83	258.37	267.24	276.24	284.57
ELEM F.ED.		985	264.13	11.02	235.00	305.00	249.88	255.90	263.65	271.14	278.86
HS F.ED.		874	266.93	12.06	235.75	303.75	250.93	258.16	266.76	274.88	283.15
COLL F.ED.		1017	273.33	12.06	235.25	304.25	256.92	264.42	273.86	281.51	288.58
D.K.F.ED.		341	262.09	12.74	236.75	301.75	245.79	252.85	260.95	270.03	279.51
BLACK		512	257.05	10.05	235.00	297.25	244.64	249.31	255.72	263.60	270.49
WHITE		2705	269.58	11.95	235.25	305.00	253.84	260.95	269.16	277.66	285.57
NOT IN SAMPLE		233	261.12	12.34	234.50	293.25	245.17	251.63	260.54	270.04	278.20

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	18	259.38	8.83	235.00	274.25	251.20	254.50	259.00	265.50	268.80
A	M	ELEM	W	153	269.79	12.07	238.75	305.00	253.31	261.94	270.24	277.12	283.57
A	M	HS	B	29	260.10	11.05	243.00	284.00	247.80	250.83	258.50	271.00	275.28
A	M	HS	W	204	272.99	10.89	241.75	303.75	259.54	265.38	272.15	280.00	287.60
A	M	COLL	B	19	263.58	12.74	245.25	297.25	249.80	255.50	261.67	266.50	284.40
A	M	COLL	W	331	277.15	10.55	244.50	304.25	262.68	269.80	277.25	284.52	290.61
A	M	D.K.	B	16	260.13	8.80	242.00	272.00	246.40	254.67	260.00	268.00	270.40
A	M	D.K.	W	30	273.43	10.81	250.25	293.25	261.33	264.67	272.00	282.50	287.00
A	F	ELEM	B	37	264.16	8.05	250.00	280.50	251.70	257.63	264.29	269.83	275.07
A	F	ELEM	W	134	271.72	12.08	244.75	296.00	254.27	264.40	271.81	281.12	287.13
A	F	HS	B	25	261.82	12.54	241.75	284.25	245.00	253.25	259.50	267.80	279.50
A	F	HS	W	167	274.88	9.85	251.25	299.25	261.58	267.69	274.33	281.40	288.15
A	F	COLL	B	13	266.13	9.51	249.50	284.00	253.20	260.50	267.00	270.75	278.80
A	F	COLL	W	349	277.80	9.94	252.75	301.75	264.52	270.92	277.44	284.53	290.75
A	F	D.K.	B	12	265.81	11.03	247.75	285.50	252.80	257.33	264.00	272.00	279.20
A	F	D.K.	W	44	274.74	13.04	238.50	301.75	260.32	266.00	273.71	284.00	293.20
N	M	ELEM	B	51	255.20	7.26	243.50	270.25	245.38	248.78	254.20	261.12	265.27
N	M	ELEM	W	222	261.64	8.75	243.00	286.25	249.94	255.21	261.44	267.70	272.32
N	M	HS	B	41	255.56	11.07	235.75	281.75	242.80	247.00	253.50	262.37	271.80
N	M	HS	W	157	263.19	10.43	239.00	293.00	249.90	255.14	263.18	269.82	275.57
N	M	COLL	B	19	256.64	8.98	241.25	272.50	243.80	249.40	256.40	264.33	268.40
N	M	COLL	W	112	267.15	9.70	243.00	296.75	253.60	259.69	266.91	274.82	279.37
N	M	D.K.	B	37	252.55	9.64	236.75	278.00	242.16	245.44	250.80	255.87	266.60
N	M	D.K.	W	74	259.46	9.81	240.50	280.50	246.72	252.20	259.27	266.00	273.28
N	F	ELEM	B	78	254.52	8.04	239.50	274.75	243.87	249.00	253.80	258.62	266.40
N	F	ELEM	W	292	264.00	9.09	243.00	288.50	252.03	257.33	263.76	269.83	275.82
N	F	HS	B	49	255.31	8.27	239.50	276.00	243.90	248.71	255.71	259.92	266.10
N	F	HS	W	202	263.90	9.58	240.50	287.75	252.03	256.52	263.37	270.97	275.49
N	F	COLL	B	20	254.16	10.23	239.75	284.75	242.00	248.67	252.00	257.33	266.00
N	F	COLL	W	154	265.83	10.42	235.25	290.25	252.98	258.37	264.38	273.00	281.31
N	F	D.K.	B	48	252.04	7.80	241.00	277.50	243.84	245.75	252.31	256.00	263.20
N	F	D.K.	W	80	253.57	10.53	238.00	290.25	251.00	256.00	262.55	269.50	278.40
TOTAL		3217	267.58	12.54	235.00	305.00	251.11	258.26	267.04	276.10	284.36		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

Table 10

SCAT VERBAL, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1581	26.96	6.11	1.12	49.86	19.10	22.97	26.92	30.97	34.97	
NON-ACADEMIC		1636	22.87	6.43	0.89	54.56	14.42	18.50	22.88	27.02	30.96	
MALES		1513	25.60	6.68	0.89	54.56	17.13	21.13	25.57	30.04	34.13	
FEMALES		1704	24.26	6.46	1.12	49.86	15.83	19.93	24.18	28.47	32.65	
ELEM F.ED.		985	23.76	6.31	1.12	44.50	15.78	19.38	23.68	27.85	31.71	
HS F.ED.		874	24.92	6.67	0.89	49.86	16.34	20.54	24.95	29.53	33.36	
COLL F.ED.		1017	26.58	6.11	1.34	47.40	18.66	22.63	26.47	30.68	34.51	
D.K.F.ED.		341	23.01	7.40	3.80	54.56	13.19	17.83	22.53	27.64	32.43	
BLACK		512	22.45	6.99	1.12	41.81	13.28	17.47	22.33	27.02	31.49	
WHITE		2705	25.35	6.42	0.89	54.56	17.18	20.99	25.24	29.61	33.69	
NOT IN SAMPLE		233	24.53	7.39	3.58	50.54	14.96	19.84	24.19	29.47	34.09	
CLASSIFICATION												
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
A	M	ELEM	B	18	27.29	7.01	13.86	17.70	23.25	27.30	31.00	38.24
A	M	ELEM	W	153	26.24	5.89	8.05	18.18	22.79	26.72	29.97	33.92
A	M	HS	B	29	25.00	7.39	6.26	16.20	20.89	24.60	27.96	35.60
A	M	HS	W	204	27.62	6.07	10.51	19.35	23.73	27.83	31.60	34.70
A	M	COLL	B	19	27.70	6.67	16.32	16.35	23.25	28.00	32.85	34.80
A	M	COLL	W	331	27.95	5.99	1.34	20.31	23.96	27.90	31.76	35.85
A	M	D.K.	B	16	26.92	6.90	16.55	19.80	21.00	26.50	31.50	38.70
A	M	D.K.	W	30	26.90	6.87	15.88	19.50	21.75	25.50	31.12	36.00
A	F	ELEM	B	37	24.43	7.46	1.12	15.20	20.34	24.25	29.55	34.80
A	F	ELEM	W	134	25.66	6.13	10.51	17.60	21.29	25.18	29.84	34.12
A	F	HS	B	25	24.85	7.22	7.38	18.51	20.75	26.00	30.37	33.75
A	F	HS	W	167	26.57	6.00	10.51	18.51	23.11	26.43	30.12	33.92
A	F	COLL	B	13	27.33	4.65	19.45	22.80	24.75	27.00	30.75	34.05
A	F	COLL	W	349	27.22	5.63	12.30	20.04	23.24	26.91	31.08	34.90
A	F	D.K.	B	12	27.19	7.58	15.65	17.10	21.00	27.00	34.50	37.20
A	F	D.K.	W	44	26.34	6.40	12.52	17.55	21.00	27.17	30.83	34.26
N	M	ELEM	B	51	21.15	6.61	1.57	12.08	17.75	21.75	24.87	28.44
N	M	ELEM	W	222	23.65	6.12	8.72	16.52	19.08	23.42	27.59	32.02
N	M	HS	B	41	22.46	6.82	6.93	13.58	17.85	22.71	27.75	31.44
N	M	HS	W	157	23.90	6.91	0.89	15.94	19.64	23.85	28.23	31.40
N	M	COLL	B	19	20.75	4.98	13.64	14.64	16.35	20.63	24.19	28.65
N	M	COLL	W	112	26.01	5.74	10.06	18.19	22.50	26.13	30.09	33.53
N	M	D.K.	B	37	22.53	5.99	12.97	14.20	17.72	22.20	26.06	30.80
N	M	D.K.	W	74	23.11	8.74	7.38	12.20	16.91	22.90	27.56	35.10
N	F	ELEM	B	78	20.25	6.33	7.83	12.24	15.23	19.12	24.00	28.62
N	F	ELEM	W	292	22.77	5.65	5.14	15.79	19.05	22.73	26.34	29.92
N	F	HS	B	49	20.74	6.40	3.58	11.40	16.13	21.45	24.61	29.76
N	F	HS	W	202	23.13	6.09	8.05	14.94	18.75	22.84	27.84	31.16
N	F	COLL	B	20	20.92	6.39	9.62	16.35	19.50	20.25	26.50	29.50
N	F	COLL	W	154	23.87	6.21	4.25	16.35	19.98	23.68	27.29	31.68
N	F	D.K.	B	48	18.23	5.52	7.16	11.26	13.23	18.00	22.12	26.10
N	F	D.K.	W	80	21.31	6.26	3.80	12.64	17.42	21.70	25.50	29.25
TOTAL		3217	24.89	6.60	0.89	54.56	16.58	20.41	24.82	29.28	33.46	

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race

CS interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

SCAT VERBAL, 2ND ORDER TREND

Table 11

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1581	-3.45	4.85	-22.50	25.50	-9.24	-6.38	-3.32	-0.29	2.53
NON-ACADEMIC		1636	-3.42	4.86	-27.50	18.50	-9.26	-6.34	-3.23	-0.23	2.63
MALES		1513	-3.56	5.18	-27.50	22.50	-9.61	-6.69	-3.45	-0.17	2.99
FEMALES		1704	-3.33	4.55	-24.50	25.50	-8.86	-6.06	-3.14	-0.34	2.19
ELEM F.ED.		985	-3.41	4.82	-27.50	18.50	-9.22	-6.36	-3.28	-0.31	2.66
HS F.ED.		874	-3.23	4.94	-22.50	22.50	-9.02	-6.27	-3.20	-0.05	2.95
COLL F.ED.		1017	-3.60	4.78	-24.50	25.50	-9.40	-6.44	-3.38	-0.38	2.19
D.K.F.ED.		341	-3.57	4.95	-21.50	15.00	-9.49	-6.38	-3.15	-0.32	2.36
BLACK		512	-2.46	5.09	-27.50	20.50	-8.67	-5.50	-2.27	0.95	3.79
WHITE		2705	-3.62	4.79	-24.50	25.50	-9.33	-6.49	-3.44	-0.53	2.15
NOT IN SAMPLE		233	-3.80	5.57	-24.00	24.50	-9.97	-6.92	-3.59	-0.21	2.33

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.ED RACE						10	25	50	75	90
A	M ELEM B	18	-4.31	6.20	-15.50	5.50	-11.10	-8.63	-5.25	1.88	3.90
A	M ELEM W	153	-4.22	4.68	-16.00	11.00	-9.62	-7.04	-3.92	-1.58	1.46
A	M HS B	29	-1.17	6.45	-19.00	20.50	-6.55	-4.39	-1.25	2.37	4.65
A	M HS W	204	-2.84	5.40	-22.50	22.50	-9.33	-6.33	-2.84	0.59	3.70
A	M COLL B	19	-1.63	4.32	-11.50	5.50	-6.60	-4.05	-1.25	1.13	4.65
A	M COLL W	331	-3.84	5.08	-20.00	18.00	-9.81	-6.89	-3.72	-0.41	2.36
A	M D.K. B	16	-2.38	5.13	-12.50	6.00	-8.70	-5.50	-2.25	1.50	5.10
A	M D.K. W	30	-3.72	5.70	-18.00	12.50	-9.50	-7.13	-3.30	-0.75	1.50
A	F ELEM B	37	-3.15	5.75	-16.50	14.50	-9.45	-6.34	-3.56	0.37	3.15
A	F ELEM W	134	-2.98	4.71	-13.00	14.00	-8.82	-6.05	-2.92	0.15	3.15
A	F HS B	25	-3.24	5.65	-16.00	9.50	-10.00	-6.56	-3.00	-0.13	5.25
A	F HS W	167	-3.84	4.15	-18.00	6.50	-8.83	-6.09	-3.46	-1.02	1.25
A	F COLL B	13	-2.65	4.65	-11.00	4.00	-9.60	-6.25	-2.25	1.25	3.20
A	F COLL W	349	-3.32	4.38	-15.00	25.50	-8.45	-5.97	-3.18	-0.46	1.51
A	F D.K. B	12	-2.71	4.71	-12.00	3.50	-9.90	-4.50	-2.25	0.0	1.35
A	F D.K. W	44	-4.58	3.25	-10.50	2.00	-9.03	-6.95	-4.13	-2.06	0.04
N	M ELEM B	51	-3.11	6.09	-27.50	6.00	-9.68	-6.40	-2.57	1.84	3.93
N	M ELEM W	222	-3.72	4.97	-21.00	15.00	-9.45	-6.68	-3.54	-0.81	2.35
N	M HS B	41	-2.59	5.17	-11.50	12.50	-8.95	-6.28	-2.67	0.75	5.17
N	M HS W	157	-4.00	5.05	-20.50	14.00	-9.84	-7.26	-4.35	-0.56	2.03
N	M COLL B	19	-3.39	3.47	-11.50	4.00	-7.80	-4.75	-3.15	-1.72	0.60
N	M COLL W	112	-4.17	4.78	-16.00	7.50	-10.03	-6.98	-4.06	-0.71	2.34
N	M D.K. B	37	-2.14	4.70	-12.50	11.00	-7.80	-4.88	-1.36	1.16	3.65
N	M D.K. W	74	-3.56	6.12	-21.50	15.00	-10.95	-6.46	-3.20	-0.23	4.76
N	F ELEM B	78	-1.76	4.23	-11.50	9.50	-7.23	-4.13	-2.04	0.48	3.60
N	F ELEM W	292	-3.41	4.41	-16.00	18.50	-9.03	-6.17	-3.23	-0.48	2.03
N	F HS B	49	-2.12	3.83	-10.50	3.50	-7.56	-3.96	-1.92	0.94	3.03
N	F HS W	202	-3.21	4.73	-16.50	17.50	-8.29	-6.09	-3.35	-0.41	2.70
N	F COLL B	20	-1.33	5.80	-14.00	8.00	-7.50	-5.25	-2.10	3.50	6.00
N	F COLL W	154	-3.93	4.94	-24.50	11.50	-9.93	-6.62	-3.30	-0.54	1.38
N	F D.K. B	48	-2.91	5.21	-16.00	8.00	-10.02	-6.38	-1.88	0.86	3.60
N	F D.K. W	80	-1.38	3.98	-18.00	3.50	-9.41	-6.56	-3.60	-1.60	0.70
TOTAL		3217	-3.44	4.85	-27.50	25.50	-9.25	-6.36	-3.27	-0.26	2.58

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

SCAT VERBAL, 0 ORDER TREND

TABLE 12

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		230843581.0000	3216			
MEAN		230337867.8179	1			
ERROR		505713.1821	3215	157.2492	1464795.0000	0.0000
CUR		68293.1345	1	68293.1345	658.3672	0.0000
SEX		1289.4632	1	1289.4632	12.4308	0.0005
F.ED		11494.6627	3	3831.5542	36.9374	0.0000
RACE		38417.1770	1	38417.1770	370.3535	0.0000
ERROR		332976.5216	3209	103.7311		
CS		262.5606	1	262.5606	2.5502	0.1106
CF		1342.7827	3	447.5942	4.3473	0.0047
CR		468.8765	1	468.8765	4.5540	0.0330
SF		901.6387	3	300.5462	2.9191	0.0330
SR		91.9768	1	91.9768	0.8933	0.3450
FR		510.9005	3	170.3002	1.6541	0.1749
ERROR		329260.5102	3197	102.9583		
CSF		178.3820	3	59.4607	0.5772	0.6298
CSR		396.7739	1	396.7739	3.8518	0.0499
CFR		261.5606	3	87.1869	0.8464	0.4682
SFR		23.7365	3	7.9122	0.0768	0.9726
ERROR		328393.3273	3187	103.0093		
CSFR		191.0480	3	63.6827	0.6180	0.6031
ERROR		328202.2793	3184	103.0463		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

SCAT VERBAL, 1ST ORDER TREND

TABLE 13

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	2132681.5650	3216					
MEAN	1992713.5371	1	1992713.5371	45785.9063	0.0000	A academic	
ERROR	139968.0279	3215	43.5224			B black	
CUR	8385.6039	1	8385.6039	219.3862	0.0000	BEQ Background and Experience Questionnaire	
SEX	892.8916	1	892.8916	23.3600	0.0001	COLL college	
F.ED	1100.8103	3	366.9368	9.5999	0.0001	CF curriculum-father's education interaction	
RACE	1450.1122	1	1450.1122	37.9382	0.0000	CR curriculum-race interaction	
ERROR	122695.8248	3209	38.2230			CS curriculum-sex interaction	
CS	48.8042	1	48.8042	1.2795	0.2582	CUR curriculum	
CF	198.2378	3	66.0793	1.7324	0.1582	D.K. respondent did not know	
CR	248.4408	1	248.4408	6.5132	0.0109	ELEM elementary school	
SF	73.7476	3	24.5825	0.6445	0.5861	F female	
SR	14.8160	1	14.8160	0.3884	0.5333	F.ED father's education	
FR	55.4924	3	18.4975	0.4849	0.6925	HS high school	
ERROR	121984.1452	3197	38.1439			M male	
CSF	109.6305	3	36.5435	0.9580	0.4116	MAX maximum	
CSR	0.0448	1	0.0448	0.0012	0.9727	MIN minimum	
CFR	210.9039	3	70.3013	1.8431	0.1372	N (when in "curriculum" column) non-academic	
SFR	80.2402	3	26.7467	0.7012	0.5510	N number of cases	
ERROR	121602.5954	3187	38.1439			NDF number of degrees of freedom	
CSFR	116.6392	3	38.8797	1.0193	0.3829	SCAT School and College Ability Tests	
ERROR	121485.9562	3184	38.1432			S.D. standard deviation	
						STEP Sequential Tests of Educational Progress	
						TGI Test of General Information	
						W white	
						* no valid statistic (N < 5)	

STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

SCAT VERBAL, 2ND ORDER TREND

TABLE 14

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL	113767.0010	3216						
MEAN	37982.8441	1	37982.8441	1611.8508	0.0000			A academic
ERROR	75784.1559	3215	23.5647					B black
CUR	8.4644	1	8.4644	0.3619	0.5477			BEQ Background and Experience Questionnaire
SEX	39.3995	1	39.3995	1.6844	0.1947			COLL college
F.ED	77.0470	3	25.6823	1.0980	0.3487			CF curriculum-father's education' interaction
RACE	586.5544	1	586.5544	25.0762	0.0000			CR curriculum-race interaction
ERROR	75084.6764	3209	23.3909					CS curriculum-sex interaction
CS	23.3612	1	23.3612	0.9996	0.3176			CUR curriculum
CF	54.8355	3	18.2785	0.7821	0.5036			D.K. respondent did not know
CR	18.5704	1	18.5704	0.7946	0.3729			ELEM elementary school
SF	213.5089	3	71.1696	3.0451	0.0278			F female
SR	1.4367	1	1.4367	0.0615	0.8043			F.ED father's education
FR	42.5592	3	14.1864	0.6070	0.6102			HS high school
ERROR	74742.3017	3197	23.3716					M male
CSF	205.3974	3	68.4658	2.9312	0.0324			MAX maximum
CSR	28.4277	1	28.4277	1.2171	0.2702			MIN minimum
CFR	29.2521	3	9.7507	0.4175	0.7402			N (when in "curriculum"
SFR	24.5153	3	8.1718	0.3499	0.7890			N column) non-academic
ERROR	74463.0035	3187	23.3573					N number of cases
CSFR	30.1129	3	10.0376	0.4295	0.7317			NDF number of degrees of freedom
ERROR	74432.8905	3184	23.3698					SCAT School and College Ability Tests
								S.D. standard deviation
								STEP Sequential Tests of Educational Progress
								TGI Test of General Information
								W white
								* no valid statistic (N < 5)

Table 15

SCAT QUANTITATIVE, FORM 5B, GRADE 5, 1961

CLASSIFICATION		N	MEAN'	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1832	260.33	8.87	237.00	289.00	249.01	253.98	259.15	265.22	272.12
NON-ACADEMIC		1818	253.86	7.51	237.00	285.00	243.99	248.63	253.10	257.94	262.41
MALES		1717	256.77	9.29	237.00	287.00	245.30	250.12	255.67	261.76	268.96
FEMALES		1933	257.40	8.40	237.00	289.00	246.93	251.32	256.27	261.34	268.47
ELEM F-ED.		1050	255.30	7.66	237.00	289.00	246.08	250.02	254.38	259.41	264.22
HS F-ED.		956	256.56	8.64	237.00	287.00	246.08	250.50	255.67	261.02	267.52
COLL F-ED.		1230	260.21	9.07	237.00	289.00	248.91	253.49	258.92	265.31	272.34
D.K.F-ED.		414	253.70	8.61	237.00	281.00	242.42	247.29	252.63	258.69	264.79
BLACK		577	250.57	7.20	237.00	289.00	240.12	245.54	250.22	254.67	258.75
WHITE		3073	258.33	8.57	237.00	289.00	247.62	251.95	257.17	262.56	269.78
NOT IN SAMPLE		5058	253.79	8.89	237.00	289.00	242.08	247.20	252.69	258.84	264.99

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M ELEM B	18	249.17	5.87	237.00	261.00	241.20	245.33	248.29	252.00	256.40
A	M ELEM W	161	258.44	8.57	238.00	283.00	247.80	251.78	257.21	263.08	269.93
A	M HS B	30	253.20	7.50	237.00	268.00	244.00	247.75	252.00	258.40	262.00
A	M HS W	228	260.45	8.98	237.00	287.00	248.31	254.59	259.69	265.27	271.22
A	M COLL B	20	251.50	6.49	237.00	264.00	242.00	247.33	252.00	255.60	258.00
A	M COLL W	396	262.34	8.90	237.00	285.00	250.66	255.45	261.06	268.09	273.48
A	M D.K. B	16	251.94	10.10	237.00	271.00	239.20	243.33	252.00	258.00	267.60
A	M D.K. W	38	261.16	7.60	243.00	275.00	250.80	255.25	260.67	266.75	269.60
A	F ELEM B	37	255.19	8.75	241.00	289.00	245.40	250.11	254.17	257.25	263.20
A	F ELEM W	147	258.50	7.57	243.00	281.00	248.23	253.05	257.41	262.06	268.80
A	F HS B	27	251.48	7.89	237.00	265.00	238.93	245.50	252.33	257.40	260.64
A	F HS W	186	260.82	7.60	246.00	281.00	251.15	254.98	259.02	264.64	271.97
A	F COLL B	15	253.87	5.71	241.00	260.00	244.00	251.00	255.00	257.50	260.00
A	F COLL W	445	262.65	8.40	238.00	289.00	252.00	256.11	260.77	267.73	273.87
A	F D.K. B	13	251.38	7.34	240.00	264.00	240.60	244.50	252.00	256.33	260.80
A	F D.K. W	55	259.60	8.49	242.00	281.00	248.80	253.00	258.93	263.50	270.67
N	M ELEM B	54	250.91	6.71	237.00	265.00	239.60	247.00	251.26	254.25	258.48
N	M ELEM W	239	253.52	7.24	237.00	283.00	243.40	248.97	252.89	257.35	261.51
N	M HS B	49	249.76	7.22	237.00	275.00	237.92	245.57	249.29	252.79	259.10
N	M HS W	170	253.35	7.71	237.00	279.00	242.73	248.00	252.97	257.72	261.68
N	M COLL B	21	251.67	8.24	237.00	268.00	237.00	247.25	252.50	256.50	259.80
N	M COLL W	140	255.88	8.69	237.00	285.00	245.33	249.81	255.08	260.78	266.00
N	M D.K. B	51	247.69	5.67	237.00	264.00	238.88	243.25	247.29	251.18	253.96
N	M D.K. W	86	252.92	7.97	237.00	272.00	242.48	247.48	251.87	257.37	263.70
N	F ELEM B	85	250.71	6.10	237.00	272.00	242.91	246.63	249.78	254.44	257.62
N	F ELEM W	309	255.92	6.42	237.00	279.00	247.35	250.99	255.36	259.80	263.39
N	F HS B	55	249.35	7.07	237.00	266.00	239.00	243.88	249.17	253.75	258.50
N	F HS W	211	255.78	6.50	238.00	277.00	247.71	251.02	254.30	259.12	264.11
N	F COLL B	22	249.05	6.96	237.00	262.00	239.20	242.67	248.40	253.50	257.73
N	F COLL W	171	256.54	7.11	237.00	281.00	247.93	251.25	255.16	259.69	265.56
N	F D.K. B	64	248.78	6.91	237.00	272.00	238.80	243.23	248.15	252.50	255.80
N	F D.K. W	91	255.24	7.13	238.00	281.00	246.49	249.71	254.56	259.61	263.29
TOTAL		3650	257.10	8.84	237.00	289.00	246.31	250.77	256.02	261.52	268.73

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

SCAT QUANTITATIVE, FORM 48, GRADE 7, 1963

TABLE 16

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1798	280.69	14.41	244.00	343.00	262.85	270.29	278.72	288.33	298.60
NON-ACADEMIC		1788	269.57	10.29	244.00	318.00	256.20	262.19	268.61	274.92	282.05
MALES		1687	275.59	14.53	244.00	343.00	258.80	264.69	272.99	282.71	294.78
FEMALES		1899	274.75	12.92	244.00	343.00	259.94	265.39	272.58	281.28	291.06
ELEM F-ED.		1024	271.50	11.20	244.00	334.00	257.76	263.60	270.20	277.04	284.18
HS F-ED.		939	274.13	13.02	244.00	325.00	259.01	264.49	271.74	280.65	291.19
COLL F-ED.		1220	280.65	14.36	244.00	343.00	262.87	270.15	278.39	287.88	298.87
D.K.F-ED.		403	270.12	13.46	244.00	343.00	253.98	260.56	267.58	277.18	288.92
BLACK		565	265.31	9.57	244.00	297.00	253.11	258.72	263.95	270.52	276.36
WHITE		3021	276.99	13.57	244.00	343.00	261.12	267.26	274.70	283.47	294.73
NOT IN SAMPLE		4393	270.01	13.58	244.00	343.00	253.44	260.61	268.26	277.22	287.66

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	263.61	11.68	244.00	244.00	255.00	263.00	271.33	274.93
A	M	ELEM	W	159	277.69	12.85	244.00	325.00	267.69	276.27	284.08	293.20
A	M	HS	B	29	269.48	8.59	258.00	293.00	259.87	262.13	266.80	275.00
A	M	HS	W	222	280.06	14.24	244.00	325.00	262.40	268.70	278.34	288.43
A	M	COLL	B	20	269.25	10.57	249.00	293.00	256.00	260.00	268.00	275.00
A	M	COLL	W	391	285.44	15.75	254.00	343.00	267.60	273.73	282.18	294.32
A	M	D.K.	B	16	267.75	11.69	249.00	297.00	254.40	258.67	266.67	274.00
A	M	D.K.	W	36	282.83	12.76	251.00	304.00	263.47	276.00	284.00	291.43
A	F	ELEM	B	37	269.89	9.19	256.00	289.00	258.70	261.55	267.33	277.17
A	F	ELEM	W	136	276.74	12.36	246.00	334.00	261.53	268.60	275.09	283.14
A	F	HS	B	27	265.70	11.48	244.00	293.00	252.93	257.17	262.50	272.33
A	F	HS	W	181	281.38	12.69	244.00	325.00	266.77	271.87	278.96	287.36
A	F	COLL	B	15	270.27	13.62	244.00	295.00	253.00	263.00	271.00	275.25
A	F	COLL	W	444	283.71	12.63	246.00	325.00	268.60	274.61	281.60	290.62
A	F	D.K.	B	13	265.69	11.01	251.00	287.00	252.30	254.25	266.00	271.50
A	F	D.K.	W	54	280.24	16.53	244.00	343.00	260.53	267.14	278.67	288.50
N	M	ELEM	B	53	266.15	9.30	249.00	293.00	252.60	260.82	265.50	270.56
N	M	ELEM	W	235	269.90	9.61	246.00	308.00	256.83	263.22	269.22	274.82
N	M	HS	B	48	263.54	8.49	246.00	286.00	252.90	256.50	262.22	268.80
N	M	HS	W	167	270.22	11.06	249.00	318.00	256.47	262.55	268.62	275.63
N	M	COLL	B	20	268.85	8.93	258.00	297.00	260.00	262.40	266.40	271.00
N	M	COLL	W	138	275.08	11.30	254.00	304.00	260.66	266.17	274.11	282.12
N	M	D.K.	B	50	263.62	8.09	253.00	295.00	254.86	257.69	261.82	267.71
N	M	D.K.	W	85	267.74	12.93	244.00	304.00	252.67	259.00	264.40	274.33
N	F	ELEM	B	85	263.84	9.64	244.00	283.00	248.67	257.25	263.89	270.07
N	F	ELEM	W	301	270.89	8.96	246.00	312.00	259.18	264.64	270.03	275.44
N	F	HS	B	53	264.58	7.88	244.00	286.00	254.64	259.57	263.85	268.43
N	F	HS	W	212	271.32	9.40	244.00	300.00	259.68	264.43	270.05	276.55
N	F	COLL	B	21	263.14	7.91	244.00	277.00	254.20	258.25	262.33	267.67
N	F	COLL	W	171	272.00	9.48	251.00	304.00	260.64	263.84	270.51	276.85
N	F	D.K.	B	60	261.87	8.18	246.00	284.00	250.00	254.22	261.88	266.67
N	F	D.K.	W	89	271.42	10.32	244.00	297.00	258.32	264.56	270.00	275.93
TOTAL		3586	275.15	13.70	244.00	343.00	259.36	265.06	272.77	281.94	293.02	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 17

SCAT QUANTITATIVE, FORM 3B, GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1652	296.41	15.37	255.00	337.00	274.52	286.34	297.68	306.28	315.72	
NON-ACADEMIC		1735	281.74	14.35	255.00	337.00	262.83	270.31	280.32	290.01	301.22	
MALES		1587	289.76	17.03	255.00	337.00	266.46	275.44	288.54	301.65	312.06	
FEMALES		1800	288.40	16.13	255.00	337.00	266.39	275.67	287.94	300.17	308.68	
ELEM F-ED.		1032	284.92	14.76	255.00	329.00	265.93	273.24	284.10	295.23	304.07	
HS F-ED.		911	288.23	15.16	255.00	337.00	266.70	275.09	287.38	299.87	308.39	
COLL F-ED.		1049	295.82	16.28	255.00	337.00	272.04	284.78	297.15	306.83	316.17	
D.K.F-ED.		395	282.44	16.82	255.00	337.00	259.00	268.44	280.93	293.42	305.05	
BLACK		568	276.11	13.12	255.00	313.00	257.61	266.06	274.18	284.38	293.31	
WHITE		2819	291.47	15.98	255.00	337.00	269.21	279.14	290.67	302.53	311.89	
NOT IN SAMPLE		4694	283.01	15.77	255.00	337.00	261.01	269.07	281.15	295.36	305.05	
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	282.72	14.96	259.00	265.20	271.00	278.00	292.00	302.80
A	M	ELEM	W	158	293.01	14.80	255.00	271.80	282.71	292.15	302.83	312.48
A	M	HS	B	30	282.07	13.98	255.00	258.00	273.50	279.00	289.00	302.00
A	M	HS	W	213	296.98	14.48	255.00	276.15	287.19	298.07	305.39	315.88
A	M	COLL	B	19	283.11	12.51	255.00	267.20	273.00	286.40	291.00	298.20
A	M	COLL	W	340	301.33	15.29	255.00	277.20	291.79	302.00	311.76	320.00
A	M	D.K.	B	15	286.73	15.84	255.00	268.00	273.50	288.00	299.67	308.00
A	M	D.K.	W	35	298.49	15.56	255.00	279.00	289.67	301.33	307.80	315.00
A	F	ELEM	B	37	285.78	12.56	264.00	268.27	275.50	287.00	293.80	301.07
A	F	ELEM	W	145	292.32	14.51	255.00	272.25	282.50	293.09	301.35	310.33
A	F	HS	B	27	281.00	15.02	255.00	262.70	267.50	277.33	289.00	303.73
A	F	HS	W	174	297.26	14.31	261.00	278.56	287.30	298.17	306.14	315.80
A	F	COLL	B	13	281.31	14.63	255.00	263.20	271.00	279.00	289.00	297.40
A	F	COLL	W	362	300.30	13.29	261.00	282.44	291.00	300.83	308.32	316.62
A	F	D.K.	B	13	281.69	16.76	255.00	256.60	267.00	284.00	289.50	304.80
A	F	D.K.	W	53	295.96	15.10	255.00	278.87	285.25	295.50	305.75	314.70
N	M	ELEM	B	54	273.96	9.59	255.00	259.92	266.22	273.33	280.89	287.07
N	M	ELEM	W	234	283.26	13.61	255.00	265.51	272.35	281.87	292.44	300.92
N	M	HS	B	46	272.76	11.86	255.00	260.08	263.50	268.29	278.50	288.40
N	M	HS	W	160	282.12	13.99	255.00	264.00	271.33	280.36	290.00	301.00
N	M	COLL	B	21	277.38	11.60	258.00	260.20	268.50	276.00	287.75	291.80
N	M	COLL	W	116	288.41	17.26	255.00	265.47	274.00	287.45	302.00	311.40
N	M	D.K.	B	50	274.40	11.32	255.00	256.86	266.75	272.67	281.60	288.00
N	M	D.K.	W	78	281.14	15.08	255.00	259.80	268.33	280.00	291.20	301.20
N	F	ELEM	B	85	272.66	11.67	255.00	256.62	264.33	270.91	279.58	287.00
N	F	ELEM	W	301	283.94	13.19	255.00	266.54	273.61	282.96	291.95	301.38
N	F	HS	B	55	274.76	11.88	255.00	256.75	266.18	272.89	282.83	289.50
N	F	HS	W	206	285.17	12.74	255.00	268.17	274.85	284.12	294.56	301.42
N	F	COLL	B	22	274.70	10.67	255.00	258.80	265.33	274.00	280.00	285.60
N	F	COLL	W	156	287.26	14.18	255.00	267.73	278.17	286.82	298.86	306.51
N	F	D.K.	B	63	268.52	11.04	255.00	255.48	257.71	266.40	275.89	284.80
N	F	D.K.	W	88	282.98	14.61	255.00	263.90	269.60	282.80	292.40	301.60
TOTAL		3387	288.90	16.56	255.00	337.00	266.43	275.57	288.20	300.86	309.98	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F,ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

SCAT QUANTITATIVE, FORM 28, GRADE 11, 1967

TABLE 10

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1803	302.55	16.36	255.00	343.00	279.39	291.73	305.99	314.53	322.39
NON-ACADEMIC		1759	285.42	15.42	255.00	338.00	263.99	273.53	284.29	296.94	305.37
MALES		1665	296.08	18.26	255.00	343.00	270.39	281.48	296.94	309.23	319.79
FEMALES		1897	292.35	17.70	255.00	339.00	266.95	278.56	292.53	305.42	315.48
ELEM F-ED.		1040	288.92	16.69	255.00	335.00	265.28	276.56	288.40	301.26	310.83
HS F-ED.		951	292.83	17.31	255.00	335.00	268.72	278.90	293.03	305.29	315.43
COLL F-ED.		1220	301.47	17.04	255.00	343.00	277.43	289.61	302.70	314.15	322.49
D.K.-F-ED.		351	287.18	18.55	255.00	338.00	261.44	271.74	285.48	301.28	312.30
BLACK		533	279.20	14.65	255.00	331.00	259.51	267.56	277.15	288.39	299.82
WHITE		3029	296.71	17.32	255.00	343.00	272.40	283.89	297.56	309.05	319.04
NOT IN SAMPLE		3508	290.27	18.31	255.00	343.00	263.99	276.24	290.56	303.46	314.43

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F-ED RACE							10	25	50	75	90		
A	M	ELEM	8	18	286.83	20.02	255.00	317.00	255.60	270.00	288.00	302.00	312.80
A	M	ELEM	M	158	300.04	16.43	255.00	335.00	277.40	289.00	301.90	311.33	319.34
A	M	HS	8	29	284.83	13.76	266.00	315.00	267.87	273.25	282.00	294.75	302.20
A	M	HS	M	224	304.25	14.52	255.00	335.00	284.69	294.25	305.57	314.40	322.65
A	M	COLL	8	20	286.90	13.75	268.00	313.00	268.00	274.00	282.00	300.00	303.00
A	M	COLL	M	393	309.19	15.00	255.00	343.00	289.12	299.73	310.10	320.08	327.07
A	M	D.K.	8	14	290.00	14.70	266.00	313.00	266.80	279.00	288.00	302.00	307.20
A	M	D.K.	M	32	305.59	15.58	266.00	331.00	288.40	295.00	306.00	316.00	323.60
A	F	ELEM	8	37	287.81	13.94	255.00	311.00	266.80	278.50	289.25	298.33	305.20
A	F	ELEM	M	147	296.99	16.19	255.00	331.00	273.36	286.50	297.62	308.90	316.74
A	F	HS	8	26	282.12	17.29	255.00	317.00	262.40	269.20	278.00	298.00	305.60
A	F	HS	M	186	301.85	14.85	260.00	335.00	281.28	291.33	302.89	312.12	319.82
A	F	COLL	8	15	286.33	12.69	267.00	305.00	269.00	277.00	283.00	297.67	302.00
A	F	COLL	M	443	304.90	14.57	255.00	339.00	284.63	295.22	306.00	315.65	322.31
A	F	D.K.	8	12	285.00	13.20	262.00	307.00	268.80	276.00	282.67	288.00	305.60
A	F	D.K.	M	49	303.10	16.82	255.00	338.00	282.53	294.25	302.00	315.75	322.20
N	M	ELEM	8	55	278.16	13.06	255.00	309.00	262.00	269.22	277.00	284.33	298.00
N	M	ELEM	M	234	288.11	14.49	255.00	323.00	268.18	277.31	287.53	298.10	307.87
N	M	HS	8	49	279.67	14.40	255.00	331.00	261.20	270.17	277.20	285.75	296.20
N	M	HS	M	170	287.40	15.55	255.00	331.00	265.14	276.37	286.13	298.71	304.57
N	M	COLL	8	20	283.80	13.42	255.00	304.00	268.00	273.33	280.00	294.00	301.33
N	M	COLL	M	140	293.58	16.07	255.00	338.00	270.00	283.11	294.93	303.58	312.00
N	M	D.K.	8	31	279.61	13.72	255.00	309.00	264.10	268.75	275.60	289.67	298.53
N	M	D.K.	M	78	284.36	16.32	255.00	323.00	262.24	272.25	282.67	298.00	304.20
N	F	ELEM	8	83	273.00	12.59	255.00	313.00	256.15	262.71	270.25	280.83	287.42
N	F	ELEM	M	308	286.44	14.59	255.00	321.00	265.10	276.10	285.78	298.07	305.43
N	F	HS	8	55	275.09	12.28	255.00	304.00	258.00	265.22	275.60	281.67	291.33
N	F	HS	M	212	287.25	13.52	255.00	317.00	268.34	276.97	286.48	297.57	304.93
N	F	COLL	8	21	276.05	11.89	255.00	303.00	258.20	268.83	276.40	283.00	291.60
N	F	COLL	M	168	289.33	14.36	255.00	328.00	270.60	278.44	289.26	298.93	307.40
N	F	D.K.	8	48	270.06	12.27	255.00	304.00	256.60	259.00	265.60	275.00	286.40
N	F	D.K.	M	87	285.97	15.75	255.00	317.00	264.70	275.00	284.75	300.12	306.65
TOTAL		3562	294.09	18.06	255.00	343.00	268.42	279.70	294.65	307.06	317.70		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 19

SCAT QUANTITATIVE, FORM 5B, GRADE 5, 1961

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F	KEY
1		1								
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE						
TOTAL		241558046.0000	3649							
MEAN		241272861.4333	1	241272861.4333	3087138.0000				0.0000	A academic
ERROR		285184.5667	3648	78.1542						B black
CUR		20739.5721	1	20739.5721	339.0125				0.0000	BEQ Background and Experience Questionnaire
SEX		848.5689	1	848.5689	13.8709				0.0003	COLL college
F.ED		3682.0965	3	1227.3655	20.0627				0.0000	CF curriculum-father's education interaction
RACE		16252.6668	1	16252.6668	265.6687				0.0000	CR curriculum-race interaction
ERROR		222865.5538	3642	61.1764						CS curriculum-sex interaction
CS		253.9063	1	253.9063	4.1894				0.0409	CUR curriculum
CF		727.9805	3	242.6602	4.0039				0.0075	D.K. respondent did not know
CR		673.6711	1	673.6711	11.1155				0.0009	ELEM elementary school
SF		104.7747	3	34.9249	0.5763				0.6304	F female
SR		112.3018	1	112.3018	1.8530				0.1739	F.ED father's education
FR		531.8781	3	177.2927	2.9253				0.0327	HS high school
ERROR		220062.2534	3630	60.6065						M male
CSF		322.0240	3	107.3413	1.7734				0.1501	MAX maximum
CSR		444.2377	1	444.2377	7.3392				0.0068	MIN minimum
CFR		61.6915	3	20.5638	0.3397				0.7964	N (when in "curriculum" column) non-academic
SFR		152.6706	3	50.8902	0.8408				0.4712	N number of cases
ERROR		219175.7549	3620	60.5291						NDF number of degrees of freedom
CSFR		255.6462	3	85.2154	1.4083				0.2384	SCAT School and College Ability Tests
ERROR		218920.1087	3617	60.5086						S.D. standard deviation
										STEP Sequential Tests of Educational Progress
										TGI Test of General Information
										W white
										* no valid statistic (N < 5)

SCAT QUANTITATIVE, FORM 4B, GRADE 7, 1963

TABLE 20

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM DF	SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY DF LARGER F
TOTAL	272154227	0.0000	3585			
MEAN	271480709	9417	1	271480709	9417	0.0000
ERROR	673517	0.0583	3584	187.8709	1445038	0.0000
CUR	59928	4917	1	59928	4917	0.0000
SEX	73	4580	1	73	4580	0.4721
F-ED	13620	4298	3	4540	1433	0.0000
RACE	32836	8909	1	32836	8909	0.0000
ERROR	508116	4852	3578	141.9717	231.2918	0.0000
CS	1	6623	1	1	6623	0.9133
CF	1948	5021	3	649	5007	0.0031
CR	3343	2996	1	3343	2996	0.0001
SF	1492	0369	3	497	3456	0.0140
SR	215	0201	1	215	0201	0.2156
FR	677	6857	3	225	8952	0.1842
ERROR	499475	4932	3566	140	0268	
CSF	771	1187	3	257	0396	0.1385
CSR	328	9348	1	328	9348	0.1257
CFR	203	4219	3	67	8073	0.6930
SFR	197	7663	3	65	9221	0.7025
ERROR	498096	1552	3556	140	0327	
CSFR	959	8131	3	319	9377	0.0767
ERRDR	497136	3421	3553	139	8808	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

SCAT QUANTITATIVE, FORM 3B, GRADE 9, 1965

TABLE 21

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL	283612359.0000	3386						
MEAN	282682916.1172	1	282682916.1172	1029825.4375			0.0000	A academic B black
ERROR	929442.8828	3385	274.4959					BEQ Background and Experience Questionnaire
CUR	104948.8331	1	104948.8331	537.1726			0.0000	COLL college
SEX	3.1632	1	3.1632	0.0162			0.8988	CF curriculum-father's education interaction
F-ED	15775.5748	3	5258.5249	26.9154			0.0000	CR curriculum-race interaction
RACE	59788.4914	1	59788.4914	306.0227			0.0000	CS curriculum-sex interaction
ERROR	660359.1000	3379	195.3726					CUR curriculum D.K. respondent did not know
CS	194.3550	1	194.3550	0.9999			0.3176	ELEM elementary school
CF	1961.7536	3	653.9179	3.3643			0.0180	F female
CR	554.7844	1	554.7844	2.8543			0.0913	F-ED father's education
SF	1082.8245	3	360.9415	1.8570			0.1347	HS high school
SR	339.8483	1	339.8483	1.7485			0.1864	M male
FR	1332.6865	3	444.2288	2.2855			0.0769	MAX maximum MIN minimum
ERROR	654640.5001	3367	194.3708					N (when in "curriculum" column) non-academic
CSF	406.4991	3	135.4997	0.6978			0.5532	N number of cases
CSR	191.7260	1	191.7260	0.9874			0.3207	NDF number of degrees of freedom
CFR	1250.9556	3	416.9852	2.1474			0.0922	SCAT School and College Ability Tests
SFR	526.3101	3	175.4367	0.9035			0.4385	S.D. standard deviation
ERROR	652047.7233	3357	194.1775					STEP Sequential Tests of Educational Progress
CSFR	162.3366	3	54.1122	0.2785			0.8407	TGI Test of General Information
ERROR	651885.3868	3354	194.3027					W white * no valid statistic (N < 5)

SCAT QUANTITATIVE, FORM 2B, GRADE 11, 1967

TABLE //

DEPENDENT VARIABLE
1
***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	309238735.0000	3561			
MEAN	308076858.7491	1	308076858.7491	944215.1875	0.0000
ERROR	1161876.2509	3560	326.2782		
SEX	153016.6450	1	153016.6450	691.3560	0.0000
F-ED	6758.8905	1	6758.8905	30.5379	0.0000
RACE	19213.5050	3	6404.5017	28.9367	0.0000
ERROR	74144.4866	1	74144.4866	334.9978	0.0000
	786821.5976	3554	221.3282		
CS	33.3947	1	33.3947	0.1519	0.6967
CF	2641.5743	3	880.5248	4.0057	0.0075
CR	2496.8384	1	2496.8384	11.3587	0.0008
SF	1076.9923	3	358.9974	1.6332	0.1796
SR	717.3383	1	717.3383	3.2633	0.0712
FR	707.5363	3	235.8454	1.0729	0.3593
ERROR	778812.1288	3542	219.8172		
CSF	282.6674	3	94.2225	0.4298	0.7317
CSR	971.9834	1	971.9834	4.4361	0.0354
CFR	1909.6301	3	636.5434	2.9038	0.0336
SFR	728.5686	3	242.8562	1.1079	0.3446
ERROR	774457.1095	3532	219.2067		
CSFR	69.7597	3	23.2532	0.1060	0.9566
ERROR	774387.3498	3529	219.3733		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 23

SCAT QUANTITATIVE, 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
MARGINALS							10	25	50	75	90		
ACADEMIC		1574	284.51	12.14	249.00	321.25	268.54	276.20	284.62	292.51	300.42		
NON-ACADEMIC		1625	272.79	10.28	247.75	311.25	259.62	265.22	271.95	279.43	286.35		
MALES		1498	279.32	13.21	249.75	318.75	262.18	269.31	278.57	288.29	297.63		
FEMALES		1701	277.88	12.13	247.75	321.25	261.77	269.06	277.21	286.25	293.87		
ELEM F.ED.		984	275.29	11.16	247.75	314.00	260.96	267.40	274.48	282.83	290.15		
HS F.ED.		874	277.81	12.19	249.75	315.00	262.03	268.54	276.94	286.00	294.26		
COLL F.ED.		1015	283.91	12.56	252.75	321.25	267.46	274.89	283.67	292.55	300.62		
D.K.F.ED.		326	273.73	12.81	249.00	313.50	258.10	263.66	272.53	281.93	290.88		
BLACK		499	268.04	9.45	247.75	300.50	256.47	260.85	266.89	273.85	281.11		
WHITE		2700	280.50	12.23	249.00	321.25	264.47	271.58	279.90	288.75	296.78		
NOT IN SAMPLE		223	274.93	13.56	249.75	312.75	258.82	264.19	273.55	284.07	293.35		
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	18	270.58	11.56	252.25	292.25	254.40	264.50	272.00	279.00	284.80
A	M	ELEM	M	153	282.47	11.73	253.75	314.00	267.30	274.59	282.63	290.24	297.54
A	M	HS	B	26	271.86	9.25	256.75	293.25	261.44	264.50	268.00	278.67	285.60
A	M	HS	M	203	285.53	11.13	258.00	314.25	270.82	277.63	285.50	292.76	300.25
A	M	COLL	B	19	272.71	9.59	257.50	290.25	258.53	263.50	273.00	279.25	284.40
A	M	COLL	M	330	288.89	12.08	260.00	318.75	272.70	280.73	288.96	297.59	304.44
A	M	D.K.	B	13	273.67	10.54	257.75	295.00	261.20	266.50	271.33	281.50	286.80
A	M	D.K.	M	30	286.51	12.09	257.75	308.25	272.00	279.00	287.43	294.00	302.67
A	F	ELEM	B	37	274.67	9.50	256.00	294.25	262.16	266.60	274.60	281.00	288.60
A	F	ELEM	M	134	281.15	11.58	252.25	314.00	263.73	273.37	281.88	289.24	295.20
A	F	HS	B	26	270.18	11.66	250.75	293.25	256.48	259.60	268.00	279.00	286.80
A	F	HS	M	167	284.81	10.61	258.75	315.00	271.85	277.70	283.93	291.67	298.43
A	F	COLL	B	13	272.52	10.40	255.00	293.00	257.20	268.33	272.67	279.00	283.40
A	F	COLL	M	348	287.38	10.29	256.50	321.25	273.96	280.00	287.26	294.27	301.03
A	F	D.K.	B	12	271.94	10.25	253.25	289.00	260.80	266.00	272.80	275.20	289.00
A	F	D.K.	M	43	284.85	12.94	249.00	313.50	268.40	277.83	282.73	293.25	301.40
N	M	ELEM	B	51	267.41	7.56	254.00	287.00	256.13	261.90	266.50	272.14	277.20
N	M	ELEM	M	222	273.98	9.63	250.75	306.00	261.82	268.27	272.97	280.84	286.51
N	M	HS	B	42	266.14	9.41	249.75	300.50	256.69	260.18	264.00	270.00	275.80
N	M	HS	M	156	273.09	10.54	252.25	307.00	259.82	265.33	272.50	279.27	285.70
N	M	COLL	B	19	270.82	8.38	255.25	287.50	261.80	265.40	269.50	276.33	284.20
N	M	COLL	M	112	278.13	12.15	253.25	311.25	260.96	269.33	278.44	285.67	292.64
N	M	D.K.	B	30	267.41	8.60	254.75	291.00	257.60	261.20	266.00	272.67	278.67
N	M	D.K.	M	72	271.24	11.14	249.75	303.00	256.27	263.20	270.86	278.29	283.84
N	F	ELEM	B	77	264.74	8.01	247.75	290.50	254.16	258.31	264.83	270.17	274.20
N	F	ELEM	M	292	274.37	9.20	253.50	304.00	261.96	267.41	274.04	280.37	286.69
N	F	HS	B	50	266.24	7.83	252.50	285.25	255.33	259.25	266.40	271.09	277.00
N	F	HS	M	202	275.00	8.97	253.25	298.00	264.17	268.34	274.18	280.67	287.41
N	F	COLL	B	20	265.28	8.21	252.75	281.00	256.67	258.67	263.00	270.00	280.00
N	F	COLL	M	154	276.01	9.37	253.75	298.50	263.47	269.40	274.92	282.00	289.28
N	F	D.K.	B	44	262.55	7.45	249.00	284.25	253.40	257.60	261.67	266.67	271.68
N	F	D.K.	M	82	274.01	10.43	251.50	302.25	260.80	266.33	273.33	281.25	288.46
TOTAL		3199	278.56	12.67	247.75	321.25	261.96	269.17	277.82	287.21	295.40		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

Table 24

SCAT QUANTITATIVE, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
MARGINALS							10	25	50	75	90		
ACADEMIC		1574	31.99	9.36	2.46	60.15	19.99	25.75	32.39	38.54	43.52		
NON-ACADEMIC		1625	23.91	9.50	-4.70	55.45	11.72	16.97	23.77	30.89	36.18		
MALES		1498	29.46	10.19	-0.89	60.15	15.68	22.46	29.82	36.77	42.36		
FEMALES		1701	26.51	10.12	-4.70	59.03	12.97	19.30	26.75	33.64	39.59		
ELEM F.ED.		984	25.59	10.09	-4.70	59.03	12.02	18.32	25.64	32.97	38.42		
HS F.ED.		874	27.52	9.69	-2.01	57.02	14.38	20.35	27.86	34.23	39.85		
COLL F.ED.		1015	31.30	9.82	1.57	60.15	18.28	24.35	31.95	38.14	43.60		
D.K.F.ED.		326	25.20	10.68	1.57	57.91	11.49	16.95	24.83	32.89	39.64		
BLACK		499	21.61	9.73	-4.70	50.76	9.91	14.20	21.09	28.45	34.52		
WHITE		2700	29.05	9.93	-1.12	60.15	15.74	22.23	29.40	35.95	41.68		
NOT IN SAMPLE		223	29.41	11.90	3.58	61.94	13.99	20.20	28.98	38.35	45.74		
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90		
A	M	ELEM	B	18	29.54	13.07	6.93	50.76	11.70	18.00	28.50	40.00	44.10
A	M	ELEM	W	153	31.39	9.03	2.46	55.23	19.93	25.19	32.39	37.63	42.17
A	M	HS	B	28	23.35	7.20	11.40	38.01	16.20	17.83	22.50	29.50	33.70
A	M	HS	W	203	33.50	8.55	10.73	57.02	22.31	27.59	33.47	39.57	44.17
A	M	COLL	B	19	27.21	9.27	10.73	42.04	13.35	22.12	26.63	32.25	40.65
A	M	COLL	W	330	35.08	8.96	6.26	60.15	23.15	29.55	34.92	40.47	46.50
A	M	D.K.	B	13	30.84	9.26	17.22	46.96	20.40	23.44	29.25	38.62	45.60
A	M	D.K.	W	30	33.13	9.04	8.72	48.52	22.50	27.38	35.10	39.25	45.00
A	F	ELEM	B	37	25.44	9.30	4.92	43.60	12.20	20.13	25.87	31.37	37.95
A	F	ELEM	W	134	29.32	9.86	4.25	59.03	16.67	23.72	29.50	35.68	40.80
A	F	HS	B	26	24.04	10.20	7.60	44.27	10.10	15.75	24.00	31.00	38.70
A	F	HS	W	167	31.09	8.23	9.17	53.67	20.31	25.86	30.98	37.07	41.06
A	F	COLL	B	13	23.44	9.13	8.72	34.44	9.45	17.25	23.25	32.06	33.52
A	F	COLL	W	348	32.69	8.83	5.37	57.69	21.38	26.45	33.18	39.15	43.54
A	F	D.K.	B	12	25.81	8.32	14.31	38.24	14.70	16.50	29.10	30.90	36.90
A	F	D.K.	W	43	32.59	9.78	7.83	57.91	19.95	27.15	32.33	38.44	46.05
N	M	ELEM	B	51	19.87	8.53	4.25	42.26	10.54	13.41	19.67	24.32	32.17
N	M	ELEM	W	222	26.19	9.07	3.35	55.45	14.40	19.41	26.25	32.48	37.31
N	M	HS	B	42	21.77	9.39	4.47	42.93	11.01	14.25	20.70	28.20	34.30
N	M	HS	W	156	25.42	9.23	-0.89	49.42	13.37	18.50	26.08	32.03	37.82
N	M	COLL	B	19	23.30	8.89	5.81	38.46	11.40	17.25	25.00	29.75	34.80
N	M	COLL	W	112	28.51	10.01	1.57	53.67	16.55	21.50	29.25	34.17	41.90
N	M	D.K.	B	30	24.02	9.60	9.62	42.49	12.00	15.38	23.25	32.00	38.50
N	M	D.K.	W	72	24.81	10.39	3.80	47.18	12.15	17.62	23.65	32.79	40.30
N	F	ELEM	B	77	16.80	8.61	-4.70	40.70	6.12	10.84	15.38	23.32	27.65
N	F	ELEM	W	292	23.46	9.28	-1.12	49.64	11.13	17.03	23.30	30.58	35.56
N	F	HS	B	50	19.65	9.28	-2.01	45.84	6.90	14.25	18.64	25.80	31.50
N	F	HS	W	202	24.37	8.23	5.59	43.83	12.94	18.00	24.33	30.98	34.48
N	F	COLL	B	40	20.84	6.46	8.05	31.53	13.50	16.50	21.00	24.75	30.50
N	F	COLL	W	154	25.60	9.10	2.46	49.19	14.60	18.95	24.95	32.25	37.72
N	F	D.K.	B	44	16.25	8.75	2.91	38.01	6.30	10.50	14.00	19.50	30.10
N	F	D.K.	W	62	23.00	9.03	1.57	45.39	12.15	16.64	22.80	29.06	35.30
TOTAL		3199	27.89	10.26	-4.70	60.15	14.08	20.60	28.17	35.05	40.92		

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
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 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 25

SCAT QUANTITATIVE, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1574	-7.07	6.84	-33.00	20.50	-15.55	-11.53	-6.93	-2.50	1.56
NON-ACADEMIC		1625	-6.15	6.76	-29.50	16.00	-14.70	-10.42	-5.93	-1.57	2.33
MALES		1498	-6.27	7.13	-33.00	20.50	-15.28	-10.72	-6.14	-1.68	2.83
FEMALES		1701	-6.90	6.50	-29.50	16.00	-15.10	-11.18	-6.66	-2.31	1.36
ELEM F.ED.		984	-6.02	6.64	-29.00	20.50	-14.27	-10.36	-6.00	-1.61	2.50
HS F.ED.		874	-6.48	6.82	-28.50	13.50	-15.06	-10.78	-6.32	-1.84	1.78
COLL F.ED.		1015	-7.30	7.02	-33.00	17.00	-15.96	-11.83	-6.99	-2.57	1.48
D.K.F.ED.		326	-6.51	6.44	-26.50	10.50	-14.94	-10.86	-6.17	-2.01	1.94
BLACK		499	-5.99	6.64	-26.50	15.50	-14.43	-10.20	-5.91	-1.64	2.75
WHITE		2700	-6.71	6.84	-33.00	20.50	-15.31	-11.13	-6.55	-2.07	1.83
NOT IN SAMPLE		223	-6.61	6.33	-24.00	13.00	-14.84	-10.63	-6.19	-2.19	0.89

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	18	-5.17	8.30	-13.50	15.50	-12.42	-10.80	-6.30	-3.00	13.80
A	M ELEM M	153	-6.18	7.34	-21.50	20.50	-15.64	-11.25	-6.32	-1.04	3.28
A	M HS B	28	-7.18	6.42	-17.50	11.00	-14.70	-11.25	-7.07	-3.75	0.30
A	M HS M	203	-6.15	7.21	-28.50	12.50	-15.15	-10.66	-6.04	-1.26	2.78
A	M COLL B	19	-6.63	4.88	-17.50	2.50	-13.80	-9.45	-6.38	-3.15	-1.20
A	M COLL M	330	-7.47	7.68	-33.00	17.00	-16.79	-12.26	-7.38	-2.47	2.17
A	M D.K. B	13	-4.35	7.44	-15.00	10.50	-12.60	-9.25	-6.00	-1.88	8.55
A	M D.K. M	30	-6.55	6.32	-18.50	8.50	-15.00	-11.00	-6.75	-2.57	2.50
A	F ELEM B	37	-6.34	6.17	-15.50	7.50	-13.72	-10.41	-6.75	-2.13	3.22
A	F ELEM M	134	-6.68	5.92	-29.00	5.50	-14.33	-10.75	-6.58	-2.18	1.42
A	F HS B	26	-6.79	7.14	-23.00	11.50	-14.10	-11.40	-6.90	-2.00	1.05
A	F HS M	167	-7.81	6.05	-24.00	7.00	-15.76	-11.85	-7.55	-3.40	0.18
A	F COLL B	13	-6.65	10.14	-26.50	11.00	-21.60	-10.25	-7.00	0.75	6.60
A	F COLL M	348	-7.72	6.13	-22.00	10.00	-15.66	-12.13	-7.06	-3.48	0.28
A	F D.K. B	12	-6.54	6.66	-14.50	8.50	-14.50	-10.50	-7.50	-1.50	1.20
A	F D.K. M	43	-7.72	6.78	-24.50	5.50	-16.27	-11.85	-7.95	-2.06	1.35
N	M ELEM B	51	-5.48	5.77	-17.00	7.50	-12.60	-9.67	-5.67	-2.19	3.24
N	M ELEM M	222	-5.62	7.09	-20.50	15.50	-14.21	-10.14	-6.14	-0.89	3.63
N	M HS B	42	-3.04	6.72	-23.00	7.00	-11.70	-6.56	-1.50	0.92	5.70
N	M HS M	156	-5.70	7.13	-22.00	13.50	-15.12	-9.93	-5.50	-1.18	3.42
N	M COLL B	19	-5.26	7.08	-20.50	5.00	-16.80	-7.88	-4.80	0.19	3.15
N	M COLL M	112	-7.25	6.77	-21.50	12.00	-16.14	-11.90	-7.04	-2.28	1.20
N	M D.K. B	30	-7.15	5.38	-19.00	2.00	-16.50	-10.00	-5.83	-3.19	-1.50
N	M D.K. M	72	-5.35	6.27	-18.50	9.00	-13.90	-9.30	-4.36	-1.79	3.18
N	F ELEM B	77	-5.96	6.78	-22.50	11.50	-15.15	-10.39	-5.42	-1.30	2.28
N	F ELEM M	292	-6.05	6.31	-22.00	11.50	-14.22	-10.07	-5.64	-1.80	1.63
N	F HS B	50	-7.37	6.17	-21.50	6.50	-15.75	-11.25	-7.04	-3.75	0.30
N	F HS M	202	-6.66	6.73	-28.50	11.50	-14.34	-10.84	-6.66	-1.92	1.26
N	F COLL B	20	-6.15	6.19	-15.50	5.00	-14.50	-10.00	-7.50	-1.50	1.50
N	F COLL M	154	-6.50	7.62	-29.50	16.00	-15.30	-11.25	-6.60	-1.11	3.15
N	F D.K. B	44	-6.05	7.13	-18.50	8.00	-15.37	-12.75	-6.00	0.30	3.47
N	F D.K. M	82	-7.24	6.24	-26.50	8.50	-14.58	-11.40	-6.81	-2.25	0.70

TOTAL		3199	-6.00	6.81	-33.00	20.50	-15.18	-10.98	-6.43	-2.00	1.98

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

SCAT QUANTITATIVE, 0 ORDER TREND

TABLE 26

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL	248733.319.6875	3198				
MEAN	248219753.4847	1	248219753.4847	1545674.0000	0.0000	
ERROR	513566.2028	3197	160.5899			
CUR	66453.8931	1	66453.8931	506.5371	0.0000	
SEX	220.7969	1	220.7969	2.0153	0.1562	
F.ED	8792.4980	3	2930.8327	26.7502	0.0000	
RACE	38648.7438	1	38648.7438	352.7542	0.0000	
ERROR	349724.2158	3191	109.5628			
CS	80.5387	1	80.5387	0.7418	0.3893	
CF	1322.3110	3	440.7703	4.0599	0.0070	
CR	1368.3470	1	1368.3470	12.6038	0.0005	
SF	553.4525	3	184.4842	1.6993	0.1650	
SR	262.6378	1	262.6378	2.4191	0.1211	
FR	547.0313	3	182.3438	1.6796	0.1612	
ERROR	345240.4410	3179	108.5662			
CSF	477.7836	3	159.2612	1.4711	0.2204	
CSR	575.6288	1	575.6288	5.3171	0.0213	
CFR	603.9364	3	201.3121	1.8595	0.1343	
SFR	272.0367	3	90.6789	0.8376	0.4729	
ERROR	343181.7071	3169	108.2593			
CSFR	231.2357	3	77.0786	0.7118	0.5446	
ERROR	342950.4714	3166	108.2888			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
N	number of degrees of freedom
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

SCAT QUANTITATIVE, 1ST ORDER TREND

TABLE 27

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE				
TOTAL	MEAN	2824738.8150	3198					A academic
	ERROR	2488156.2999	1	2488156.2999	23640.9180		0.0000	B black
		336582.5151	3197	105.2479				BEQ Background and Experience Questionnaire
CUR		32145.0860	1	32145.0860	392.0876		0.0000	COLL college
SEX		4348.2173	1	4348.2173	53.0371		0.0000	CF curriculum-father's education interaction
F-ED		3396.0909	3	1132.0303	13.8079		0.0000	CR curriculum-race interaction
RACE		12778.3442	1	12778.3442	155.8631		0.0000	CS curriculum-sex interaction
	ERROR	261694.0312	3191	81.9844				CUR curriculum
CS		13.5248	1	13.5248	0.1649		0.6848	D.K. respondent did not know
CF		458.1186	3	152.7062	1.8624		0.1338	ELEM elementary school
CR		80.1578	1	80.1578	0.9776		0.3231	F female
SF		169.2382	3	56.4127	0.6880		0.5592	F-ED father's education
SR		89.1988	1	89.1988	1.0878		0.2971	HS high school
FR		169.7350	3	56.5783	0.6900		0.5580	M male
	ERROR	260746.7935	3179	81.9959				MAX maximum
CSF		79.7715	3	26.5905	0.3253		0.8071	MIN minimum
CSR		10.4845	1	10.4845	0.1283		0.7203	N (when in "curriculum" column) non-academic
CFR		994.5204	3	331.5068	4.0557		0.0069	N number of cases
SFR		411.2257	3	137.0752	1.6770		0.1698	NDF number of degrees of freedom
	ERROR	259112.2912	3169	81.7389				SCAT School and College Ability Tests
CSFR		154.3784	3	51.4595	0.6293		0.5958	S.D. standard deviation
	ERROR	258957.9128	3166	81.7615				STEP Sequential Tests of Educational Progress
								TGI Test of General Information
								W white
								* no valid statistic (N < 5)

SCAT QUANTITATIVE, 2ND ORDER TREND

TABLE 20

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	287726.7500	3198					A academic
MEAN	139389.2713	1	139389.2713	3005.0845	0.0000		B black
ERROR	148337.4787	3197	46.3845				BEQ Background and Experience Questionnaire
CUR	361.3936	1	361.3936	7.8650	0.0052		COLL college
SEX	385.0934	1	385.0934	8.3808	0.0038		CF curriculum-father's education interaction
F.ED	465.6480	3	155.2160	3.3780	0.0177		CR curriculum-race interaction
RACE	91.8660	1	91.8660	1.9993	0.1576		CS curriculum-sex interaction
ERROR	146670.7833	3191	45.9495				CUR curriculum
CS	10.4181	1	10.4181	0.2264	0.6343		D.K. respondent did not know
CF	32.2657	3	10.7552	0.2338	0.8727		ELEM elementary school
CR	1.2801	1	1.2801	0.0278	0.8676		F female
SF	286.7395	3	95.5798	2.0773	0.1011		F.ED father's education
SR	5.5283	1	5.5283	0.1202	0.7289		HS high school
FR	24.3721	3	8.1240	0.1766	0.9123		M male
ERROR	146313.3730	3179	46.0105				MAX maximum
CSF	20.8440	3	6.9480	0.1508	0.9292		MIN minimum
CSR	35.5758	1	35.5758	0.7721	0.3798		N (when in "curriculum" column) non-academic
CFR	75.0641	3	25.3547	0.5502	0.6477		N number of cases
SFR	121.5773	3	40.5258	0.8795	0.4507		NDF number of degrees of freedom
ERROR	146069.6815	3169	46.0788				SCAT School and College Ability Tests
CSFR	244.2760	3	81.4253	1.7684	0.1511		S.D. standard deviation
ERROR	145825.4055	3166	46.0453				STEP Sequential Test of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

Table 29

STEP MATHEMATICS, FORM 4B, GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1840	251.38	10.58	210.00	279.00	236.71	244.27	251.84	258.86	263.90
NON-ACADEMIC		1828	242.89	9.55	210.00	274.00	229.60	235.91	242.70	249.87	253.87
MALES		1725	247.35	11.53	210.00	279.00	231.39	238.72	247.47	255.07	262.02
FEMALES		1943	246.97	10.38	210.00	276.00	233.20	239.42	247.17	253.57	260.21
ELEM F.E.D.		1054	244.87	9.84	210.00	274.00	231.13	237.98	244.85	251.50	256.75
HS F.E.D.		962	246.59	10.46	210.00	279.00	231.80	238.57	246.70	253.19	260.19
COLL F.E.D.		1236	250.99	11.12	210.00	279.00	235.71	243.51	251.65	258.87	263.93
D.K.F.E.D.		416	242.81	10.62	210.00	270.00	228.47	235.31	241.74	250.63	257.10
BLACK		584	238.31	8.47	210.00	260.00	227.19	231.95	237.51	243.87	249.72
WHITE		3084	248.82	10.54	210.00	279.00	234.71	241.51	249.22	255.67	261.88
NOT IN SAMPLE		5134	243.10	11.82	210.00	282.00	227.79	234.41	242.43	251.31	258.29

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.E.D RACE							10	25	50	75	90
A M ELEM B		18	237.78	7.07	227.00	251.00	228.40	233.00	237.20	244.00	248.40
A M ELEM W		161	249.55	10.92	210.00	274.00	234.40	242.77	250.76	256.91	262.30
A M HS B		30	240.60	9.44	225.00	259.00	228.67	232.00	240.30	247.00	253.00
A M HS W		228	252.06	10.34	227.00	279.00	237.52	245.14	252.05	259.94	264.59
A M COLL B		20	241.55	8.86	229.00	257.00	229.00	234.00	241.57	248.00	254.00
A M COLL W		398	254.61	10.99	210.00	279.00	239.82	247.78	255.55	261.84	266.60
A M D.K. B		16	241.25	9.13	229.00	259.00	230.80	234.00	239.33	246.00	255.40
A M D.K. W		38	251.24	9.48	229.00	270.00	236.80	244.80	251.50	257.60	263.20
A F ELEM B		37	244.19	8.16	225.00	258.00	232.27	239.00	244.00	249.00	255.04
A F ELEM W		147	249.39	9.70	210.00	270.00	236.68	243.21	249.36	255.95	260.82
A F HS B		27	239.33	9.33	227.00	259.00	227.35	239.38	239.50	246.25	250.60
A F HS W		187	251.52	9.17	210.00	274.00	238.25	245.55	251.80	257.35	262.09
A F COLL B		15	243.00	10.63	220.00	260.00	232.00	236.33	241.33	251.00	257.00
A F COLL W		449	253.51	9.07	210.00	276.00	241.81	247.30	253.40	260.04	264.07
A F D.K. B		13	241.00	11.96	218.00	260.00	223.20	234.50	242.67	249.00	253.40
A F D.K. W		56	250.39	9.33	225.00	269.00	237.47	243.78	250.73	256.86	262.32
N M ELEM B		55	239.45	8.57	210.00	252.00	227.20	235.22	240.73	245.73	249.75
N M ELEM W		240	243.09	9.38	221.00	274.00	229.24	236.31	243.05	249.76	253.40
N M HS B		50	236.42	7.35	223.00	258.00	227.71	230.88	234.00	241.67	245.50
N M HS W		171	244.09	8.94	223.00	270.00	231.63	238.23	244.35	250.55	253.86
N M COLL B		21	238.00	8.64	223.00	253.00	226.10	229.25	237.50	244.33	249.80
N M COLL W		141	247.06	10.49	210.00	272.00	232.91	238.72	248.63	253.59	259.40
N M D.K. B		52	235.65	7.31	221.00	257.00	226.53	230.00	235.60	238.57	244.40
N M D.K. W		86	241.97	10.24	210.00	264.00	228.24	234.91	241.25	249.71	253.82
N F ELEM B		87	237.28	7.87	210.00	256.00	227.20	231.80	236.70	242.42	247.52
N F ELEM W		309	245.25	8.17	224.00	265.00	234.34	239.39	245.23	251.10	254.40
N F HS B		56	238.18	8.15	221.00	258.00	227.16	231.33	237.08	243.14	248.72
N F HS W		213	244.75	8.62	223.00	265.00	233.38	237.90	244.88	250.82	254.49
N F COLL B		22	235.59	6.36	224.00	249.00	226.27	230.67	236.00	240.00	243.60
N F COLL W		170	244.55	10.43	210.00	264.00	230.86	237.41	245.83	251.40	257.00
N F D.K. B		65	235.43	7.31	220.00	254.00	224.57	230.4	235.90	239.92	244.33
N F D.K. W		90	245.34	9.36	223.00	267.00	232.67	239.25	245.67	251.50	258.00
TOTAL		3668	247.15	10.93	210.00	279.00	232.19	239.09	247.30	254.07	261.09

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K respondent did not know

ELEM elementary school

F female

F.D father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K respondent did not know
 ELEM elementary school
 F female
 F.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP MATHEMATICS, FORM 3B, GRADE 7, 1973

TABLE 30

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1803	265.30	12.42	230.00	300.00	247.61	258.18	266.64	273.08	280.39
NON-ACADEMIC		1791	253.22	12.97	230.00	286.00	231.98	244.96	254.96	262.13	268.88
MALES		1691	259.99	14.35	230.00	300.00	237.15	250.73	260.84	270.02	276.71
FEMALES		1903	258.65	13.68	230.00	296.00	236.22	249.57	259.94	268.42	274.43
ELEM F.ED.		1022	255.45	12.86	230.00	290.00	235.10	246.43	256.94	264.29	270.66
HS F.ED.		934	258.57	13.57	230.00	296.00	236.41	249.84	259.52	267.77	274.46
COLL F.ED.		1226	265.10	12.83	230.00	300.00	246.95	257.31	266.64	273.22	280.51
D.K.F.ED.		412	253.08	14.84	230.00	286.00	230.89	239.33	253.87	263.70	272.15
BLACK		569	246.74	12.24	230.00	279.00	230.00	234.59	246.62	256.11	262.57
WHITE		3025	261.64	13.04	230.00	300.00	244.53	254.11	262.44	270.47	276.14
NOT IN SAMPLE		4432	253.86	14.83	230.00	298.00	231.12	244.29	254.68	264.29	272.61

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
COURSE SEX F.ED RACE							10	25	50	75	90
A	M	EL-M	B	18	247.33	10.88	230.00	230.00	230.00	230.00	230.00
A	M	ELEM	M	160	261.64	13.09	230.00	230.00	230.00	230.00	230.00
A	M	HS	M	28	250.61	13.11	230.00	230.00	230.00	230.00	230.00
A	M	HS	M	222	265.43	11.64	231.00	231.00	231.00	231.00	231.00
A	M	COLL	B	20	251.85	13.68	230.00	230.00	230.00	230.00	230.00
A	M	COLL	M	392	270.22	11.26	230.00	230.00	230.00	230.00	230.00
A	M	D.K.	B	16	251.88	12.02	230.00	230.00	230.00	230.00	230.00
A	M	D.K.	M	38	267.39	12.07	239.00	239.00	239.00	239.00	239.00
A	F	ELEM	B	37	253.24	12.46	230.00	230.00	230.00	230.00	230.00
A	F	ELEM	M	135	261.67	11.07	231.00	231.00	231.00	231.00	231.00
A	F	HS	B	26	251.23	13.81	230.00	230.00	230.00	230.00	230.00
A	F	HS	M	181	266.55	9.95	230.00	230.00	230.00	230.00	230.00
A	F	COLL	B	15	252.60	13.30	231.00	231.00	231.00	231.00	231.00
A	F	COLL	M	446	268.24	9.73	230.00	230.00	230.00	230.00	230.00
A	F	D.K.	B	13	247.62	14.60	230.00	230.00	230.00	230.00	230.00
A	F	D.K.	M	56	264.48	12.35	230.00	230.00	230.00	230.00	230.00
A	M	ELEM	B	54	246.67	11.32	230.00	230.00	230.00	230.00	230.00
A	M	ELEM	M	235	254.91	11.59	230.00	230.00	230.00	230.00	230.00
A	M	HS	B	46	245.89	12.51	230.00	230.00	230.00	230.00	230.00
A	M	HS	M	167	255.01	12.46	230.00	230.00	230.00	230.00	230.00
A	M	COLL	B	20	250.30	12.80	231.00	231.00	231.00	231.00	231.00
A	M	COLL	M	140	260.06	12.65	230.00	230.00	230.00	230.00	230.00
A	M	D.K.	B	50	244.84	11.59	230.00	230.00	230.00	230.00	230.00
A	M	D.K.	M	85	252.48	13.50	230.00	230.00	230.00	230.00	230.00
A	F	ELEM	B	86	244.81	11.51	230.00	230.00	230.00	230.00	230.00
A	F	ELEM	M	297	255.16	11.84	230.00	230.00	230.00	230.00	230.00
A	F	HS	B	54	243.96	10.32	230.00	230.00	230.00	230.00	230.00
A	F	HS	M	210	255.79	11.62	230.00	230.00	230.00	230.00	230.00
A	F	COLL	B	22	242.18	11.17	230.00	230.00	230.00	230.00	230.00
A	F	COLL	M	171	256.61	11.79	230.00	230.00	230.00	230.00	230.00
A	F	D.K.	B	64	242.44	10.72	230.00	230.00	230.00	230.00	230.00
A	F	D.K.	M	90	253.63	13.71	230.00	230.00	230.00	230.00	230.00
TOTAL		3594	259.26	14.02	230.00	300.00	236.68	250.06	260.33	269.21	275.31

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF, number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

STEP MATHEMATICS, FORM 3A, GRADE 9, 1965

TABLE 31

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1660	275.82	12.44	230.00	310.00	260.25	267.21	275.77	283.91	291.40
NON-ACADEMIC		1747	263.03	12.85	230.00	300.00	246.75	254.91	263.34	270.83	278.32
MALES		1605	270.42	14.54	230.00	310.00	251.53	261.32	269.92	279.82	288.51
FEMALES		1802	268.23	13.76	230.00	307.00	250.35	259.77	267.89	277.30	285.07
ELEM F.ED.		1038	266.02	13.10	230.00	305.00	249.47	257.91	265.37	273.64	281.96
HS F.ED.		912	268.72	13.52	230.00	310.00	251.32	260.70	268.26	276.75	285.89
COLL F.ED.		1061	275.16	13.27	230.00	310.00	258.23	265.97	275.48	283.72	291.19
D.K.F.ED.		396	263.19	15.12	230.00	298.00	242.53	253.44	263.26	273.35	281.49
BLACK		568	256.90	12.98	230.00	289.00	237.38	249.22	257.71	265.32	272.07
WHITE		2839	271.73	13.07	230.00	310.00	254.53	263.02	271.26	280.15	288.32
TOT IN SAMPLE		4700	263.14	15.18	230.00	310.00	242.56	252.93	263.49	272.78	281.80

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES							
CUR SEX F-ED RACE							10	25	50	75	90			
A	M	ELEM	B		18	262.00	13.20	230.00	277.00	239.00	257.00	264.00	271.50	274.40
A	M	ELEM	W		160	274.49	12.78	230.00	305.00	258.00	266.00	273.56	282.42	292.67
A	M	HS	B		29	261.52	13.05	231.00	287.00	239.70	254.50	262.86	268.33	278.20
A	M	HS	W		214	276.54	11.59	231.00	310.00	262.53	268.28	275.49	284.76	291.53
A	M	COLL	B		19	263.63	9.66	239.00	286.00	253.60	259.17	262.67	268.25	272.20
A	M	COLL	W		342	281.16	11.32	250.00	310.00	265.23	273.15	280.64	288.51	295.70
A	M	D.K.	B		15	264.13	10.37	245.00	282.00	245.00	257.00	266.40	269.40	276.00
A	M	D.K.	W		36	278.78	9.60	255.00	295.00	264.60	272.40	278.57	286.57	289.66
A	F	ELEM	B		37	264.62	11.38	230.00	289.00	249.40	258.25	265.14	271.57	275.73
A	F	ELEM	W		144	272.11	12.47	233.00	295.00	254.53	264.09	271.87	280.74	288.49
A	F	HS	B		27	259.67	14.48	230.00	283.00	236.75	251.75	257.60	269.00	278.60
A	F	HS	W		174	276.29	10.60	234.00	305.00	262.56	269.54	275.71	283.08	290.61
A	F	COLL	B		14	266.00	8.45	251.00	283.00	254.80	259.00	266.00	269.50	280.40
A	F	COLL	W		365	278.06	10.34	233.00	307.00	264.55	271.33	277.66	284.54	291.48
A	F	D.K.	B		13	260.85	10.88	234.00	277.00	251.20	255.67	260.00	267.50	272.80
A	F	D.K.	W		53	275.94	11.43	254.00	298.00	259.73	265.13	276.80	284.09	289.60
N	M	ELEM	B		54	257.00	12.11	230.00	282.00	237.71	250.25	258.00	264.89	271.28
N	M	ELEM	W		237	264.57	12.32	230.00	295.00	249.42	256.06	264.82	271.91	278.92
N	M	HS	B		48	255.17	12.50	230.00	281.00	236.86	248.67	256.00	264.22	268.13
N	M	HS	W		162	265.65	11.18	230.00	296.00	250.98	258.78	265.03	272.31	278.80
N	M	COLL	B		21	260.67	10.91	231.00	274.00	250.10	253.25	259.50	270.50	272.60
N	M	COLL	W		121	269.17	14.05	230.00	300.00	250.55	260.90	269.23	278.64	286.69
N	M	D.K.	B		48	253.96	12.93	230.00	285.00	235.33	247.33	254.00	261.43	268.40
N	M	D.K.	W		81	263.70	12.48	230.00	287.00	248.48	256.25	264.14	271.87	278.84
N	F	ELEM	B		85	255.33	12.17	230.00	282.00	237.73	247.44	255.83	262.64	270.40
N	F	ELEM	W		303	264.81	10.58	230.00	300.00	250.92	258.40	264.03	270.86	278.74
N	F	HS	B		54	254.57	12.31	230.00	275.00	236.75	247.00	255.33	263.75	268.88
N	F	HS	W		204	265.56	10.65	230.00	296.00	251.76	259.82	265.14	271.60	277.36
N	F	COLL	B		22	250.41	12.58	230.00	277.00	235.50	243.20	248.67	257.33	265.73
N	F	COLL	W		157	267.58	11.82	230.00	298.00	253.80	260.59	266.37	275.36	282.47
N	F	D.K.	B		64	249.77	13.21	230.00	277.00	233.56	238.89	250.00	258.80	264.80
N	F	D.K.	W		86	263.66	12.36	230.00	298.00	249.47	255.56	263.43	270.67	277.60
TOTAL		3407	269.26	14.17	230.00	310.00	250.95	260.43	268.91	278.42	286.06			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP MATHEMATICS, FORM 28, GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	283.01	13.74	230.00	315.00	263.76	276.18	284.46	291.04	297.81
NON-ACADEMIC		1774	268.71	15.87	230.00	312.00	246.05	260.83	270.75	279.35	285.64
MALES		1677	278.53	16.35	230.00	315.00	257.54	269.26	280.33	288.19	296.45
FEMALES		1901	273.61	16.23	230.00	315.00	252.85	264.43	275.86	284.51	290.92
ELEM F-ED.		1027	271.88	15.36	230.00	312.00	252.83	263.06	273.78	282.15	287.55
HS F-ED.		944	275.77	15.46	230.00	313.00	255.46	265.88	277.74	285.73	291.98
COLL F-ED.		1223	281.99	15.11	230.00	315.00	262.72	274.22	284.03	290.98	298.01
D-K F-ED.		384	267.73	18.86	230.00	315.00	242.39	257.43	269.71	280.72	287.94
BLACK		540	260.56	16.25	230.00	302.00	238.37	252.19	262.45	271.55	279.46
WHITE		3038	278.65	14.94	230.00	315.00	260.34	270.36	279.98	287.42	294.90
NOT IN SAMPLE		3573	272.18	17.05	230.00	315.00	249.01	262.10	273.98	283.68	290.90
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
ICUR	SEX F-ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
I	A M ELEM B	15	267.87	15.37	237.00	286.00	246.75	261.00	273.00	278.25	282.00
I	A M ELEM W	156	281.73	13.44	230.00	312.00	262.80	275.43	283.56	288.00	295.54
I	A M HS B	30	268.93	15.14	237.00	302.00	250.00	258.00	264.00	282.00	286.00
I	A M HS W	223	286.04	11.40	230.00	313.00	271.53	280.09	286.19	292.05	299.12
I	A M COLL B	20	271.65	11.31	247.00	291.00	256.00	266.00	271.20	280.00	284.00
I	A M COLL W	394	289.44	12.12	230.00	313.00	275.76	283.24	289.36	296.82	303.23
I	A M D-K B	12	257.00	22.07	230.00	288.00	234.80	242.00	264.00	274.67	279.20
I	A M D-K W	35	286.34	12.71	256.00	315.00	266.00	279.00	286.57	292.33	299.33
I	A F ELEM B	34	266.24	12.77	230.00	288.00	252.40	257.50	267.00	273.00	282.40
I	A F ELEM W	145	277.24	14.60	230.00	299.00	260.86	271.36	279.39	285.88	291.78
I	A F HS B	25	266.56	12.79	242.00	287.00	248.67	258.50	263.67	275.50	284.67
I	A F HS W	187	281.96	11.33	237.00	303.00	265.70	275.95	282.48	288.74	295.38
I	A F COLL B	15	265.93	17.98	230.00	287.00	240.00	251.00	271.33	277.67	282.00
I	A F COLL W	446	284.32	11.31	230.00	315.00	270.18	278.08	284.98	290.78	296.65
I	A F D-K B	13	266.46	9.14	254.00	278.00	254.60	257.67	267.00	275.50	278.00
I	A F D-K W	54	282.30	11.50	251.00	306.00	264.40	275.50	282.67	288.67	295.20
I	N M ELEM B	55	263.87	13.65	230.00	288.00	245.71	255.86	265.00	273.70	278.00
I	N M ELF B	236	272.72	14.05	230.00	300.00	256.95	264.00	275.81	281.62	286.73
I	N M HS B	44	260.84	16.28	230.00	300.00	238.80	252.67	260.67	273.00	279.60
I	N M HS W	169	273.46	14.83	230.00	312.00	253.96	265.00	276.08	282.79	287.62
I	N M COLL B	19	260.79	15.80	230.00	285.00	237.00	249.00	262.00	270.50	280.40
I	N M COLL W	140	277.71	14.22	230.00	310.00	260.00	270.93	27.45	286.22	291.47
I	N M D-K B	46	260.37	14.95	230.00	286.00	240.22	253.50	260.67	267.25	280.53
I	N M D-K W	83	268.88	16.34	230.00	305.00	248.44	260.60	271.17	278.93	284.56
I	N F ELEM B	80	255.44	16.28	230.00	282.00	235.71	244.29	260.89	268.33	272.67
I	N F HS B	306	270.22	12.85	230.00	296.00	253.90	262.59	271.22	278.92	285.20
I	N F HS W	55	258.04	15.31	230.00	291.00	236.47	246.18	261.56	268.63	274.00
I	N F COLL B	211	271.09	12.77	230.00	295.00	256.04	263.78	272.79	279.27	284.26
I	N F COLL W	22	255.55	17.09	230.00	283.00	236.29	245.71	256.00	267.50	271.73
I	N F D-K B	167	270.38	15.35	230.00	302.00	252.47	263.62	272.10	279.86	286.29
I	N F D-K W	55	250.20	17.29	230.00	288.00	234.23	240.53	253.20	262.50	270.50
I	N F D-K W	86	266.76	17.06	230.00	299.00	243.23	258.33	270.00	278.50	283.05
TOTAL		3578	275.92	16.47	230.00	315.00	255.05	266.43	277.96	286.34	293.82

KEY

A academic
B black
BEQ Background and Experience Questionnaire
C.D.L. college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

DEPNDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	224487256.0000	3667				A academic
MEAN	224048663.8749	1	224048663.8749	1873063.0000	0.0000	B black
ERROR	438632.1251	3666	119.6161			BEQ Background and Experience Questionnaire
CUR	35633.1503	1	35633.1503	393.5881	0.0000	COLL college
SEX	3.1400	1	3.1400	0.0347	0.8523	CF curriculum-father's
F-ED	4668.0545	3	1556.0182	17.1871	0.0001	education interaction
RACE	31010.4331	1	31010.4331	342.5276	0.0000	CR curriculum-race
ERROR	331445.1063	3660	90.5341			interaction
CS	40.0169	1	40.0169	0.4461	0.5044	CS curriculum-sex
CF	944.3458	3	314.7833	3.5090	0.0147	interaction
CR	719.4060	1	719.4066	8.0194	0.0048	CUR curriculum
SF	894.7503	3	298.2501	3.3247	0.0189	D.K. respondent did not know
SR	35.1790	1	35.1790	0.3922	0.5313	ELEM elementary school
FR	664.2500	3	221.4300	2.4683	0.0603	F female
ERROR	327343.5628	3648	89.7078			F-ED father's education
CSF	594.8238	3	198.2746	2.2126	0.0847	HS high school
CSR	387.7078	1	387.7078	4.3265	0.0378	M male
CFR	167.9710	3	55.9903	0.6248	0.5987	MAX maximum
SFR	118.8380	3	39.6127	0.4420	0.7227	MIN minimum
ERROR	326097.9755	3638	89.6120			N (when in "curriculum" column) non-academic
CSFR	635.1912	3	211.7304	2.3654	0.0692	N number of cases
ERROR	325462.7884	3635	89.5113			NDF number of degrees of freedom
						SCAT School and College Ability Tests
						S.D. standard deviation
						STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	242317929.0000	3593			
MEAN	241611746.1274	1	241611746.1274	1229299.0000	0.0000
ERROR	706182.8726	3592	196.5442		
SEX	67493.2479	1	67493.2479	494.6841	0.0000
SEX	388.4658	1	388.4658	2.8472	0.0918
F.ED	13535.8559	3	4513.2886	33.0797	0.0000
RACE	59358.0197	1	59358.0197	435.0579	0.0000
ERROR	489395.2805	3586	136.4370		
CS	156.8243	1	156.8243	1.1630	0.2812
CS	2325.0330	3	775.0110	5.7473	0.0007
CR	1356.0454	1	1356.0494	10.0562	0.0016
SF	1870.7852	3	623.5951	4.6245	0.0032
SR	147.5570	1	147.5970	1.0945	0.2959
FR	923.8695	3	307.9565	2.2837	0.0771
ERROR	482078.4760	3574	134.8472		
CSF	637.2114	1	212.4038	1.5759	0.1931
CSR	585.8527	1	589.8927	4.3767	0.0365
CFR	320.5145	3	106.8382	0.7927	0.4977
SFR	167.3520	3	55.7840	0.4139	0.7428
ERROR	480486.2512	3564	134.7788		
CSFR	181.3153	3	60.4398	0.4482	0.7186
FROR	480304.9320	3561	134.8415		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP MATHEMATICS, FORM 3A, GRADE 9, 1965

TABLE 35

***** ANALYSIS OF VARIANCE TABLE *****					
DEPENDENT VARIABLE	1				
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	247698385.0000	3406			
MEAN	247013703.6301	1	247013703.6301	1228788.0000	0.0000
ERROR	684681.3699	3405	201.0222		
CUR	77833.2009	1	77833.2009	570.6470	0.0000
SEX	1466.7396	1	1466.7396	10.7536	0.0012
F.ED	10368.5931	3	3456.1977	25.3397	0.0000
RACE	59656.0940	1	59656.0940	437.3784	0.0000
ERROR	463741.5416	3399	136.3946		
CS	116.4612	1	116.4612	0.8610	0.3537
CF	1379.6397	3	466.5466	3.4491	0.0160
CR	697.5918	1	697.5918	5.1572	0.0233
SF	287.0658	3	95.6886	2.18	0.0877
SR	164.2178	1	164.2178	1.214	0.2707
F.ED	1702.1519	3	567.3360	4.1946	0.0057
ERROR	458283.9579	3387	135.2569		
CSF	124.9805	3	41.6602	0.3079	0.8197
CSR	607.5292	1	603.5292	4.4599	0.0348
CFR	234.2472	3	78.0824	0.5770	0.6299
SFR	185.1851	3	61.7284	0.4562	0.7130
ERROR	457124.1030	3377	135.3239		
CSFR	657.2354	3	219.0785	1.6196	0.1826
ERROR	456466.866	3374	135.2495		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP MATHEMATICS, FORM 2B, GRADE 11, 1967

TABLE 23

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	273363869.0000	3577			
MEAN	272393408.0171	1	272393408.0171	1004008.0000	0.0000
ERROR	970460.9829	3576	271.3060		
CUR	95917.7544	1	95917.7544	521.3347	0.0000
SEX	15536.8968	1	15536.8968	84.4465	0.0000
F.D.	13000.4071	3	4333.4690	23.5534	0.0000
RACE	86375.9831	1	86375.9831	469.4729	0.0000
ERROR	657010.0401	3570	183.9850		
CS	36.5544	1	36.5544	0.2002	0.6547
CF	3397.6761	3	1132.5587	6.2042	0.0004
CP	854.4346	1	854.4346	4.6807	0.0307
SF	1175.6152	1	391.8717	2.1467	0.0923
SR	247.9364	1	247.9364	1.3582	0.2442
FR	999.9513	3	333.3171	1.8259	0.1402
ERROR	649680.3058	3558	182.5459		
CSF	641.0112	3	213.6704	1.1726	0.3187
CSR	927.5146	1	927.5146	5.0899	0.0243
CFR	860.1358	3	286.7119	1.5734	0.1937
SFR	218.1160	3	72.7053	0.3990	0.7537
ERROR	646722.3587	3548	182.2268		
CSFR	1376.6578	3	458.8859	2.5215	0.0562
ERROR	645345.7409	3545	181.9927		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

STEP MATHEMATICS, 0 ORDER TREND

TABLE 37

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACA-EMIC		1593	268.62	10.80	232.75	298.25	253.64	261.83	269.22	276.40	282.02
NON-ACADEMIC		1660	257.05	10.39	228.75	290.50	242.96	249.33	257.30	264.24	270.32
MALES		1528	263.97	12.40	229.50	298.25	246.99	254.76	264.13	272.72	280.21
FEMALES		1725	261.60	11.65	228.75	296.00	245.31	253.17	262.18	270.02	276.70
ELEM F.ED.		982	259.70	10.77	229.25	290.75	245.17	251.94	259.57	267.13	273.91
HS F.ED.		873	262.34	11.40	231.00	295.25	246.61	254.26	262.84	270.23	277.38
CULL F.ED.		1039	267.85	11.66	229.50	298.25	251.11	260.46	268.72	276.15	282.36
D.K.F.ED.		359	256.99	12.67	228.75	289.25	240.40	247.26	256.73	265.61	274.38
BLACK		515	250.81	9.58	228.75	277.00	238.21	243.63	250.22	256.63	264.31
WHITE		2738	264.95	11.14	229.50	298.25	248.59	257.29	265.13	272.74	279.36
NOT IN SAMPLE		252	256.53	13.78	228.75	293.75	238.48	246.29	255.41	266.67	276.48

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
COUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	15	255.63	8.23	238.50	267.00	246.00	250.33	255.33	262.50	266.00
A	M ELEM W	124	267.05	10.95	234.25	290.75	252.16	260.27	267.13	274.90	280.30
A	M HS B	28	254.63	10.16	239.00	276.25	241.60	248.00	252.67	262.00	270.40
A	M HS W	203	269.96	9.62	240.75	295.25	256.08	263.71	269.94	276.86	281.81
A	M CULL B	19	256.96	8.76	242.25	276.25	245.80	251.50	255.60	262.50	268.40
A	M CULL W	333	273.52	10.26	239.00	298.25	259.51	267.77	274.04	280.93	286.33
A	M D.K. B	11	253.02	11.39	238.75	275.50	240.20	243.50	251.00	261.00	267.60
A	M D.K. W	33	270.64	9.21	247.00	289.25	260.24	263.17	270.50	277.83	283.40
A	F ELEM B	34	257.18	8.74	239.00	277.00	244.80	250.80	257.14	263.50	267.68
A	F ELEM W	131	265.16	10.52	232.75	285.00	252.04	253.69	266.47	272.81	278.12
A	F HS B	24	254.96	10.74	238.25	273.00	240.53	245.33	254.00	264.00	270.13
A	F HS W	169	268.84	8.67	243.50	290.00	258.18	263.70	268.76	275.57	279.85
A	F CULL B	14	256.68	10.20	237.00	275.75	245.60	250.00	256.00	262.00	273.20
A	F CULL W	361	270.71	8.53	243.75	296.00	260.12	265.12	270.79	276.67	281.61
A	F D.K. B	13	253.98	9.22	236.50	270.25	244.40	247.00	253.00	259.50	266.80
A	F D.K. W	51	268.34	9.96	243.50	287.50	256.06	260.60	268.29	275.57	281.52
N	M ELEM B	53	251.63	8.60	233.50	268.50	240.20	245.50	252.46	257.17	264.56
N	M ELEM W	228	259.11	9.45	234.25	286.50	245.85	252.46	259.49	265.68	270.70
N	M HS B	38	249.28	9.20	231.00	270.50	237.07	243.50	248.00	255.60	261.60
N	M HS W	157	259.40	9.42	236.25	290.50	247.16	252.88	259.15	265.35	271.51
N	M CULL B	18	253.43	9.59	233.75	267.25	243.20	246.50	252.00	263.00	266.20
N	M CULL W	120	263.14	11.19	229.50	289.00	247.43	255.20	263.50	270.32	277.71
N	M D.K. B	41	249.92	8.19	236.25	272.00	240.73	244.50	248.55	253.00	261.80
N	M D.K. W	77	256.91	10.52	234.00	282.00	240.97	249.62	257.50	263.62	269.73
N	F ELEM B	78	248.13	7.90	229.25	268.00	237.52	241.69	248.22	253.00	258.40
N	F ELEM W	289	258.88	8.70	238.25	282.75	247.15	252.31	258.58	264.50	270.63
N	F HS B	53	249.09	8.27	236.00	267.00	237.72	241.80	248.75	254.45	260.70
N	F HS W	201	259.39	8.74	235.50	279.25	247.11	253.71	259.95	265.81	270.08
N	F CULL B	22	245.93	8.61	233.25	269.00	236.60	239.00	244.00	251.00	255.73
N	F CULL W	152	259.64	9.72	237.00	281.00	245.77	252.36	259.86	266.80	271.95
N	F D.K. B	54	244.32	9.06	228.75	263.75	232.29	237.50	243.00	250.89	255.73
N	F D.K. W	79	257.43	10.29	230.25	283.25	244.76	249.36	257.69	263.77	272.07
TOTAL		3253	262.71	12.07	228.75	298.25	243.06	251.98	263.36	271.23	278.48

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TOI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 38

STEP MATHEMATICS, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1593	23.84	7.91	-9.62	60.15	14.67	19.10	23.99	28.38	32.98	
NON-ACADEMIC		1660	19.49	9.73	-12.52	50.09	6.30	14.30	20.54	25.88	30.84	
MALES		1528	23.32	8.04	-12.52	60.15	12.61	18.35	23.94	28.67	33.56	
FEMALES		1725	20.11	9.06	-12.52	60.15	8.25	15.69	21.07	25.70	30.30	
ELEM F-ED.		582	20.45	9.18	-12.30	52.32	8.59	15.71	21.20	26.48	31.04	
HS F. D.		873	21.89	8.67	-11.18	51.65	11.34	17.22	22.53	27.26	31.85	
CULL F-ED.		1039	23.33	8.60	-12.52	60.15	13.83	18.74	23.71	28.23	32.98	
D.K.F-ED.		359	19.23	10.64	-12.52	49.64	3.80	13.65	20.53	26.44	31.65	
BLACK		515	17.29	10.68	-10.29	44.27	1.05	10.91	18.54	25.09	29.52	
WHITE		2738	22.44	8.59	-12.52	60.15	12.09	17.76	22.93	27.63	32.39	
NOT IN SAMPLE		252	20.43	10.39	-13.19	45.39	4.58	14.70	22.00	27.65	32.26	
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	D	15	23.02	9.46	3.80	11.25	17.25	24.00	30.37	33.75
A	M	ELEM	M	154	24.33	7.86	4.47	13.67	19.11	24.85	28.60	33.34
A	M	HS	B	28	20.49	9.13	-4.25	9.30	15.50	20.70	25.50	30.30
A	M	HS	M	203	25.43	7.33	-8.27	16.95	20.97	25.13	29.71	35.14
A	M	COLL	B	19	23.22	8.28	8.27	13.20	16.25	24.00	27.94	31.80
A	M	COLL	M	333	26.23	7.46	-2.68	17.35	21.52	25.99	30.54	34.62
A	M	D.K.	B	11	16.49	14.20	-5.81	-3.68	-0.48	20.25	28.87	31.35
A	M	D.K.	M	33	26.43	9.31	6.26	13.95	22.69	26.73	31.12	38.20
A	F	ELEM	U	34	17.58	9.34	-2.68	7.90	12.00	18.50	24.75	28.20
A	F	ELEM	M	131	21.25	8.28	-9.62	17.73	21.31	25.41	30.22	34.22
A	F	HS	B	24	20.01	6.13	7.38	13.80	16.50	19.07	25.50	28.20
A	F	HS	M	169	22.92	6.51	5.59	14.29	18.96	23.17	26.82	30.32
A	F	COLL	U	14	18.59	11.54	0.45	7.60	9.00	21.00	26.25	30.30
A	F	COLL	M	361	23.39	7.39	-8.94	15.21	18.96	23.43	27.69	32.04
A	F	D.K.	B	13	20.04	9.47	8.27	9.45	12.38	18.75	24.25	30.60
A	F	D.K.	M	51	24.00	6.34	6.04	15.36	19.78	24.00	27.92	32.64
N	M	ELEM	U	53	18.13	9.38	-7.38	6.45	12.94	18.33	26.16	29.52
N	M	ELEM	M	228	22.12	8.82	-12.30	11.66	17.33	22.75	27.98	32.79
N	M	HS	U	38	18.39	10.99	-2.01	2.85	12.00	18.50	26.75	32.70
N	M	HS	M	157	22.09	10.33	-11.18	9.53	16.92	23.17	28.83	34.93
N	M	CULL	B	18	17.55	10.81	-0.67	0.0	11.25	16.50	26.00	29.10
N	M	CULL	M	120	22.48	8.30	-12.52	14.63	18.79	22.62	26.56	31.12
N	M	D.K.	B	41	19.56	8.86	-2.91	10.56	14.75	20.67	25.35	28.45
N	M	D.K.	M	77	20.48	9.94	-3.58	8.35	14.78	20.55	27.22	32.65
N	F	ELEM	U	78	14.46	12.35	-10.29	-4.56	5.25	16.83	24.00	28.70
N	F	ELEM	M	269	18.93	8.11	-10.73	3.39	13.81	19.87	24.26	28.94
N	F	HS	U	53	16.06	10.08	-10.29	1.68	10.65	17.45	22.37	27.60
N	F	HS	M	201	19.82	7.81	-4.70	9.96	15.28	20.49	25.15	29.49
N	F	CULL	B	22	15.23	11.48	-8.94	-4.02	6.00	18.00	25.00	27.60
N	F	CULL	M	152	19.92	10.16	-11.85	7.62	14.21	23.79	25.85	32.34
N	F	D.K.	U	54	12.06	11.47	-8.05	-2.02	2.81	11.25	21.43	26.70
N	F	D.K.	M	79	16.89	10.59	-12.52	-0.15	12.75	18.23	24.47	27.98
TOTAL		3,000	21.02	9.15	-12.52	60.15	10.45	16.87	22.43	27.29	32.00	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 39

STEP MATHEMATICS, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1593	-3.67	6.46	-31.00	19.50	-10.94	-7.07	-3.34	0.28	3.85
NON-ACADEMIC		1660	-2.43	8.69	-39.50	25.50	-12.45	-7.38	-2.19	2.76	7.94
MALES		1528	-2.55	7.68	-37.00	25.50	-11.41	-6.91	-2.42	1.77	6.65
FEMALES		1725	-3.47	7.71	-39.50	23.50	-12.10	-7.44	-3.26	0.87	5.72
ELEM F.ED.		982	-2.49	7.98	-37.00	22.50	-11.51	-7.02	-2.31	2.14	6.94
HS F.ED.		873	-2.66	7.61	-31.00	23.50	-11.25	-7.23	-2.52	1.63	6.71
COLL F.ED.		1039	-3.91	7.01	-39.50	20.00	-11.60	-7.18	-3.49	0.18	3.87
D.K.F.ED.		359	-2.96	8.83	-31.50	25.50	-13.67	-7.81	-3.10	2.39	8.11
BLACK		515	-2.39	9.68	-31.50	25.50	-13.38	-8.19	-2.37	3.94	10.35
WHITE		2738	-3.16	7.27	-39.50	22.00	-11.33	-7.09	-2.95	1.00	5.34
NOT IN SAMPLE		252	-4.29	8.95	-33.50	16.50	-15.76	-9.26	-3.77	1.06	6.94
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	15	-4.27	7.06	-17.50	11.50	-12.00	-8.75	-4.00	-0.25	6.00
A	M ELEM W	154	-2.59	7.20	-30.50	15.50	-11.21	-6.44	-2.27	1.45	5.85
A	M HS B	28	-1.96	8.13	-16.50	14.00	-12.15	-6.50	-2.00	1.07	11.70
A	M HS W	203	-2.12	6.58	-22.50	19.50	-9.39	-6.03	-1.83	2.20	5.68
A	M COLL B	19	-0.76	7.36	-9.50	16.50	-8.60	-6.19	-2.63	5.25	6.96
A	M COLL W	333	-3.87	5.78	-27.50	12.00	-10.40	-6.93	-3.29	-0.03	2.75
A	M D.K. B	11	-7.41	11.41	-30.50	4.00	-22.20	-15.38	-2.25	1.75	3.40
A	M D.K. W	33	-4.79	5.78	-18.00	8.00	-14.20	-7.13	-4.65	-1.05	2.20
A	F LLEM B	34	-4.16	6.95	-19.00	15.00	-11.40	-7.31	-4.00	-0.19	2.40
A	F LLEM W	131	-3.78	6.20	-20.00	10.50	-10.95	-7.54	-3.72	0.03	4.47
A	F HS B	24	-3.33	8.70	-21.50	14.00	-12.45	-9.50	-3.75	1.50	9.30
A	F HS W	169	-4.81	5.80	-27.50	10.00	-10.53	-7.59	-4.21	-1.01	1.80
A	F COLL B	14	-5.36	10.22	-30.00	11.50	-18.30	-9.00	-3.50	0.75	3.90
A	F COLL W	361	-4.26	6.04	-31.00	18.00	-11.01	-7.16	-3.83	-0.44	2.30
A	F D.K. B	13	-0.50	7.31	-13.00	10.50	-9.60	-6.25	-0.75	6.75	9.20
A	F D.K. W	51	-4.19	6.34	-18.50	16.00	-12.40	-7.31	-4.13	-0.54	3.24
N	M ELEM B	53	-0.12	8.96	-17.00	22.50	-10.37	-6.96	-1.13	6.15	12.12
N	M ELEM W	228	-1.89	8.69	-37.00	20.50	-12.04	-6.69	-1.50	3.26	7.25
N	M HS B	38	-1.95	9.30	-31.00	16.00	-12.42	-8.00	-0.83	5.25	9.60
N	M HS W	157	-1.70	8.20	-28.50	19.00	-11.19	-7.60	-1.15	3.51	7.93
N	F COLL B	18	-6.64	9.91	-28.50	5.50	-25.80	-9.75	-5.70	0.75	3.70
N	F COLL W	120	-2.48	7.40	-24.00	19.50	-11.00	-6.59	-2.50	1.06	6.37
N	F D.K. B	41	-0.01	11.38	-21.00	25.50	-13.40	-8.55	-2.40	9.25	13.44
N	F D.K. W	77	-2.75	8.71	-22.00	22.00	-12.93	-8.38	-3.43	3.28	7.65
N	F ELEM B	78	-3.79	10.38	-26.50	22.00	-15.90	-9.96	-4.83	4.71	10.10
N	F ELEM W	289	-2.11	7.63	-37.00	18.50	-10.20	-6.27	-1.34	2.16	6.31
N	F HS B	53	-0.48	9.98	-25.50	23.50	-15.60	-6.38	0.43	5.53	11.55
N	F HS W	201	-2.88	7.88	-28.50	18.50	-11.96	-7.69	-2.92	1.16	7.02
N	F COLL B	22	-0.73	11.70	-27.00	18.50	-13.20	-7.13	0.50	6.75	15.90
N	F COLL W	152	-4.69	9.04	-39.50	20.00	-15.78	-8.81	-3.82	0.60	6.10
N	F D.K. B	54	-3.22	10.23	-31.50	13.00	-16.20	-8.25	-1.17	3.56	9.10
N	F D.K. W	79	-2.73	8.42	-24.00	22.00	-12.36	-7.88	-2.81	2.47	7.05
TOTAL		3253	-3.04	7.71	-39.50	25.50	-11.75	-7.20	-2.89	1.00	6.22

KEY	A academic
	B black
	BEQ Background and Experience Questionnaire
	COLL college
	CF curriculum-father's education interaction
	CR curriculum-race
	CS interaction
	CS curriculum-sex interaction
	CUR curriculum
	D.K. respondent did not know
	ELEM elementary school
	F female
	F.ED father's education
	HS high school
	M male
	MAX maximum
	MIN minimum
	N (when in "curriculum"
	column) non-academic
	N number of cases
	NDF number of degrees of freedom
	SCAT School and College Ability Tests
	S.D. standard deviation
	STEP Sequential Tests of Educational Progress
	TGI Test of General Information
	W white
	* no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

STEP MATHEMATICS, 0 ORDER TREND

TABLE 40

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO			
TOTAL	224990361.8125	3252					
MEAN	224516290.5596	1	224516290.5596	1540120.0000	0.0000	A academic	
ERROR	474071.2529	3251	145.7784			B black	
SEX	60680.2764	1	60680.2764	665.5913	0.0000	BEQ Background and Experience Questionnaire	
F.E.D.	1913.8820	1	1913.8820	20.9930	0.0001	COLL college	
RACE	7413.1557	3	2471.0519	27.1045	0.0000	CF curriculum-father's education interaction	
ERROR	51682.9490	1	51682.9490	566.9014	0.0000	CR curriculum-race interaction	
	295929.4257	3245	91.1674			CS curriculum-sex interaction	
CS	0.1109	1	0.1109	0.0012	0.9720	CUR curriculum	
CF	1376.1492	3	458.7164	5.0915	0.0018	D.K. respondent did not know	
CR	769.3100	1	769.3100	8.5389	0.0036	ELEM elementary school	
SP	942.3431	3	314.1144	3.4865	0.0152	F female	
SY	136.6873	1	136.6873	1.5171	0.2185	F.ED father's education	
FR	818.0339	3	272.6780	3.0266	0.0284	HS high school	
ERROR	291366.7116	3233	90.0949			M male	
CSF	210.6315	3	70.2105	0.7809	0.5042	MAX maximum	
CSK	633.8453	1	633.8453	7.0495	0.0081	MIN minimum	
CFR	352.8656	3	117.5553	1.3074	0.2702	N (when in "curriculum" column) non-academic	
SFR	143.9359	3	47.9786	0.5336	0.6592	N number of cases	
ERROR	289881.8142	3223	89.9137			NDF number of degrees of freedom	
CSFR	169.9971	3	56.6657	0.6300	0.5954	SCAT School and College Ability Tests	
ERROR	209711.8171	3220	89.9447			S.D. standard deviation	
						STEP Sequential Tests of Educational Progress	
						TOI Test of General Information	
						W white	
						* no valid statistic (N < 5)	

STEP MATHEMATICS, 1ST ORDER TREND

TABLE 41

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
1		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
SOURCE							
TOTAL		1792669.2915	3252				A academic
MEAN		1520649.9798	1				B black
ERROR		272019.3118	3251	1520649.9798 83.6468	18179.4141	0.0000	BEQ Background and Experience Questionnaire
CUR		8193.6117	1	8193.6117	110.3785	0.0000	COLL college
SEX		6773.1605	1	6773.1605	91.2432	0.0000	CF curriculum-father's education interaction
F.ED		1016.8002	3	338.9334	4.5659	0.0035	CR curriculum-race interaction
RACE		6484.4084	1	6484.4084	87.3533	0.0000	CS curriculum-sex interaction
ERROR		240956.8932	3245	74.2320			CUR curriculum
CS		17.8643	1	17.8643	0.2406	0.6239	D.K. respondent did not know
LF		599.6797	3	199.8932	2.6927	0.0447	ELEM elementary school
CR		1.5622	1	1.5622	0.0210	0.8847	F female
SF		142.4933	3	47.4978	0.6398	0.5892	F.ED father's education
SR		41.0959	1	41.0959	0.5536	0.4570	HS high school
FR		15.6405	3	5.2135	0.0702	0.9758	M male
ERROR		240072.3632	3233	74.2339			MAX maximum
CSF		222.7618	3	74.2539	0.9998	0.3919	M.I. minimum
CSR		46.0850	1	46.0856	0.6206	0.4309	N (when in "curriculum" column) non-academic
CFR		248.1546	3	82.7182	1.1138	0.3421	N number of cases
SFR		42.9892	3	14.3231	0.1929	0.9011	NDF number of degrees of freedom
ERROR		239430.8105	3223	74.2652			SCAT School and College Ability Tests
CSFR		383.2467	3	127.7489	1.7213	0.1604	S.D. standard deviation
ERROR		239047.5637	3220	74.2153			STEP Sequential Tests of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

STEP MATHEMATICS, 2ND ORDER TREND

TABLE 42

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
		1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	223137.2500	3252					
MEAN	30046.9687	1	30046.9687	506.0466		0.0000	
ERROR	193090.2813	3251	59.3759				
CUR	754.4253	1	754.4253	12.3704		0.0004	
SEX	794.8910	1	794.8910	13.5607		0.0003	
F-ED	629.0181	3	209.6727	3.5770		0.0135	
RACE	87.2839	1	87.2839	1.4891		0.2228	
ERROR	190271.1352	3245	58.6171				
CS	1.9983	1	1.9983	0.0341		0.8537	
CF	162.6893	3	54.2298	0.9241		0.4281	
CR	3.7986	1	3.7986	0.0647		0.7992	
CFR	134.3940	3	44.7980	0.7634		0.5144	
SR	0.0033	1	0.0033	0.0001		0.9940	
FR	182.1202	3	60.7067	1.0344		0.3761	
ERROR	189788.2090	3233	58.6853				
CSF	362.9830	3	120.9943	2.0644		0.1028	
CSK	1.5416	1	1.5416	0.0263		0.8712	
CFR	33.5819	3	11.1940	0.1910		0.9025	
SFR	381.9731	3	127.3244	2.1724		0.0893	
ERROR	188955.1206	3223	58.6089				
CSFR	1096.9607	3	365.6536	6.2695		0.0004	
ERROR	187858.1599	3220	58.3229				

KEY

A	academic
B	black
BEQ	Background and Experience Questnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 43

STEP SCIENCE, FORM 48, GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1830	25.84	12.47	225.00	317.00	243.91	251.87	259.23	266.25	274.09
NON-ACADEMIC		1821	249.62	11.24	225.00	251.00	234.52	241.73	249.66	256.80	262.93
MALES		1717	255.41	14.08	225.00	317.00	236.37	245.40	255.37	263.72	272.04
FEMALES		1934	254.15	11.78	225.00	317.00	238.81	245.97	253.93	260.82	267.65
ELEM F.ED.		1047	251.83	11.34	225.00	310.00	236.65	244.03	251.80	258.51	264.43
HS F.ED.		961	253.85	12.45	225.00	317.00	236.90	245.40	253.89	260.72	267.99
COLL F.ED.		1228	259.73	12.96	225.00	317.00	242.61	251.38	259.46	266.98	275.32
D.K.F.ED.		415	249.38	12.86	225.00	291.00	232.27	240.28	248.74	257.11	264.79
BLACK		581	244.18	10.03	225.00	276.00	230.12	236.97	243.67	250.12	256.66
WHITE		3070	256.74	12.43	225.00	317.00	240.49	248.68	256.40	263.36	271.34
NOT IN SAMPLE		5088	250.36	13.93	225.00	310.00	231.57	239.57	249.76	259.27	267.53

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	244.78	8.74	231.00	258.00	232.40	236.00	243.33	252.00	255.60
A	M	160	257.96	13.03	225.00	310.00	242.73	249.53	257.16	264.50	272.18
A	M	30	247.87	11.12	225.00	269.00	235.00	239.50	247.14	253.33	262.00
A	M	228	260.25	12.71	225.00	317.00	244.53	252.81	259.51	266.17	274.20
A	M	20	250.70	11.20	225.00	276.00	234.00	244.00	250.00	256.29	258.00
A	M	396	264.90	12.96	225.00	310.00	247.69	257.00	264.21	272.30	281.64
A	M	16	243.88	11.58	227.00	266.00	230.60	233.00	244.00	252.67	256.80
A	M	37	262.00	11.79	241.00	291.00	248.27	252.83	260.80	268.33	275.20
A	F	36	249.72	8.97	227.00	267.00	238.80	243.71	248.86	255.60	260.40
A	F	146	256.81	10.20	225.00	296.00	243.53	250.64	256.40	261.63	267.87
A	F	27	247.44	11.87	225.00	266.00	229.40	237.67	248.00	256.25	262.40
A	F	187	259.06	10.34	227.00	296.00	246.38	252.14	258.65	262.87	272.43
A	F	15	248.60	9.82	231.00	273.00	233.00	240.33	249.00	255.80	257.60
A	F	445	261.91	10.33	225.00	317.00	249.22	254.89	260.67	267.34	273.75
A	F	13	245.69	12.18	225.00	264.00	225.00	242.25	245.50	251.50	263.40
A	F	56	258.30	11.39	225.00	291.00	245.47	252.00	258.00	263.60	269.60
N	M	53	245.08	10.90	225.00	276.00	230.60	237.13	244.20	251.00	258.70
N	M	238	250.48	11.60	225.00	283.00	233.52	241.33	251.88	257.95	263.39
N	M	50	244.62	9.06	225.00	263.00	234.31	236.62	243.71	251.25	255.60
N	M	171	251.40	11.73	225.00	283.00	235.03	243.42	251.62	258.53	264.91
N	M	21	244.62	9.31	227.00	260.00	230.40	239.00	243.20	251.50	256.53
N	M	141	253.65	12.78	225.00	287.00	234.07	245.00	255.42	262.39	267.78
N	M	52	239.52	8.80	225.00	263.00	227.20	232.86	238.80	244.22	249.80
N	M	86	248.78	11.72	225.00	279.00	233.47	240.62	247.50	256.44	263.94
N	M	87	242.71	8.64	225.00	267.00	229.70	237.89	242.58	246.45	252.64
N	F	309	251.73	8.64	225.00	279.00	239.62	245.92	251.71	257.02	262.31
N	F	56	243.07	9.53	225.00	264.00	228.60	236.67	243.60	248.67	255.40
N	F	212	251.04	10.27	225.00	291.00	236.52	244.00	251.50	257.11	262.25
N	F	22	240.41	8.63	225.00	264.00	230.27	235.00	241.20	245.00	248.40
N	F	168	253.34	11.26	225.00	291.00	238.32	245.76	252.83	259.92	265.45
N	F	65	241.37	9.12	225.00	260.00	225.71	234.71	242.59	247.17	252.44
N	F	90	257.21	10.90	225.00	287.00	237.43	245.14	251.60	257.60	264.00
TOTAL		9651	254.74	12.93	225.00	317.00	237.63	245.75	254.57	261.92	269.90

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 44

STEP SCIENCE, FORM 38, GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1802	270.97	11.56	237.00	324.00	257.25	263.27	269.24	277.51	285.84
NON-ACADEMIC		1789	261.25	9.47	237.00	299.00	247.87	254.93	261.17	266.79	271.63
MALES		1691	266.98	12.99	237.00	324.00	250.34	258.00	265.43	273.48	279.99
FEMALES		1900	265.37	10.21	237.00	310.00	251.38	259.00	264.79	270.62	278.11
ELEM F.ED.		1018	263.21	9.76	237.00	310.00	250.10	257.20	262.52	268.46	275.79
HS F.ED.		940	265.13	11.06	237.00	324.00	250.19	257.69	264.50	270.74	278.44
COLL F.ED.		1223	271.01	11.86	237.00	315.00	256.79	262.91	269.21	277.48	287.07
D-K.F.ED.		410	261.11	11.39	237.00	299.00	245.76	252.18	260.66	267.22	274.67
BLACK		565	257.64	8.73	237.00	299.00	245.02	250.92	257.94	262.92	267.50
WHITE		3026	267.71	11.42	237.00	324.00	253.32	260.35	266.51	273.19	281.84
NOT IN SAMPLE		4407	261.84	11.96	237.00	334.00	245.64	252.69	261.08	268.37	277.28

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	ELEM B	18	257.44	9.46	237.00	271.00	243.20	250.00	260.00	263.00	268.40
A	ELEM W	159	268.52	11.74	242.00	310.00	255.92	259.65	266.82	276.50	283.24
A	HS B	28	259.71	9.56	242.00	287.00	246.40	253.33	259.00	264.00	270.40
A	HS W	224	271.54	12.40	239.00	324.00	256.51	263.31	270.09	278.00	286.30
A	M COLL B	20	266.25	10.28	252.00	299.00	254.00	260.00	263.33	269.33	276.00
A	M COLL W	391	276.34	12.78	242.00	315.00	261.21	267.08	274.44	284.33	293.03
A	M D-K B	16	259.19	9.81	237.00	272.00	242.40	254.00	260.00	266.00	268.80
A	M D-K W	38	271.71	13.12	237.00	299.00	257.07	263.50	270.22	279.50	292.27
A	F ELEM B	36	261.31	6.87	248.00	272.00	250.13	256.57	262.00	267.00	269.94
A	F ELEM W	136	266.87	9.51	237.00	291.00	256.14	260.70	266.31	271.29	278.92
A	F HS B	26	260.00	9.36	237.00	278.00	248.60	253.00	259.33	265.00	271.20
A	F HS W	182	269.94	8.16	246.00	296.00	260.04	264.68	268.43	274.94	279.65
A	F COLL B	15	264.33	10.93	248.00	289.00	249.00	259.00	262.80	267.00	282.00
A	F COLL W	445	272.53	9.09	250.00	310.00	261.58	265.54	270.59	277.74	284.75
A	F D-K B	13	259.77	8.23	250.00	274.00	250.00	251.25	257.00	266.33	270.80
A	F D-K W	55	269.22	10.18	239.00	296.00	259.00	263.88	267.60	272.50	284.40
N	M ELEM B	55	257.35	8.56	237.00	274.00	244.50	252.58	257.17	262.33	268.50
N	M ELEM W	233	261.80	9.02	237.00	287.00	248.96	256.21	261.57	267.40	271.96
N	M HS B	47	256.13	7.85	242.00	278.00	245.36	249.25	254.33	261.29	266.30
N	M HS W	168	262.44	10.21	237.00	299.00	249.07	255.43	261.93	268.38	275.10
N	M COLL B	20	258.05	8.35	242.00	275.00	245.33	252.00	258.40	262.40	268.00
N	M COLL W	140	265.55	11.35	239.00	299.00	252.00	257.43	264.24	270.62	280.00
N	M D-K B	49	254.41	7.82	237.00	267.00	241.20	248.90	255.00	259.91	264.08
N	M D-K W	85	260.11	9.97	237.00	289.00	246.00	252.82	259.33	266.07	271.14
N	F ELEM B	83	257.37	7.59	237.00	271.00	245.02	251.83	259.82	262.53	264.40
N	F ELEM W	298	263.11	8.22	237.00	289.00	252.61	259.00	262.68	267.67	272.75
N	F HS B	55	257.15	8.03	237.00	269.00	243.00	251.83	258.43	262.54	266.00
N	F HS W	210	261.74	8.29	239.00	282.00	249.07	256.19	262.00	267.05	271.03
N	F COLL B	21	253.62	8.51	237.00	272.00	242.20	245.80	254.00	258.75	263.80
N	F COLL W	171	264.08	8.31	242.00	291.00	252.53	258.50	263.94	268.88	271.95
N	F D-K B	63	254.48	7.91	237.00	271.00	243.07	247.85	254.00	259.75	263.87
N	F D-K W	51	261.44	10.68	237.00	289.00	245.66	253.00	261.70	267.21	274.80
TOTAL		3591	266.13	11.63	237.00	324.00	250.85	258.53	265.04	271.49	280.03

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's

CR curriculum-race

CUR curriculum

CS curriculum-sex

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

column) non-academic

N number of cases

NDF number of degrees of

freedom

SCAT School and College

Ability Tests

S.D. standard deviation

STEP Sequential Tests of

Educational Progress

TGI Test of General

Information

W white

* no valid statistic

(N < 5)

STEP SCIENCE, FORM 3A, GRADE 9, 1965

TABLE 45

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1663	279.75	12.84	237.00	344.00	263.71	270.78	278.49	286.85	293.78
NON-ACADEMIC		1746	267.03	11.98	237.00	329.00	250.75	259.50	266.42	273.60	281.80
MALES		1608	274.50	15.27	237.00	344.00	255.15	263.78	273.26	283.85	292.32
FEMALES		1801	272.10	12.53	237.00	334.00	256.30	263.59	271.11	279.82	287.50
ELEM F.ED.		1036	269.39	12.18	237.00	309.00	252.96	261.28	269.08	276.40	284.47
HS F.ED.		915	272.59	13.07	237.00	329.00	257.00	263.66	271.27	280.54	288.74
COLL F.ED.		1055	279.53	13.96	240.00	344.00	261.74	270.23	278.47	287.46	295.30
D.K.F.ED.		399	267.95	13.95	237.00	334.00	249.69	258.95	266.32	275.23	285.29
BLACK		569	263.17	11.23	237.00	302.00	246.75	255.85	262.91	269.30	275.95
WHITE		2840	275.25	13.55	237.00	344.00	258.71	266.06	273.90	283.57	291.21
NOT IN SAMPLE		4675	267.90	14.48	237.00	334.00	248.51	257.82	266.73	276.14	285.83

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	18	267.67	12.12	246.00	294.00	249.20	260.00	266.00	272.00	284.40
A	M ELEM W	160	276.71	12.69	237.00	309.00	260.00	268.75	276.26	284.00	291.00
A	M HS B	30	267.50	12.50	240.00	294.00	252.00	257.33	266.80	275.50	282.00
A	M HS W	215	280.54	12.41	248.00	329.00	265.54	271.34	279.58	287.61	293.44
A	M COLL B	19	272.95	10.11	255.00	302.00	257.80	265.67	271.20	275.67	282.40
A	M COLL W	340	286.27	13.71	246.00	344.00	269.67	276.70	285.11	292.80	301.82
A	M D.K. B	16	271.00	10.03	252.00	285.00	256.40	263.33	271.00	276.00	283.87
A	M D.K. W	36	282.64	13.08	258.00	319.00	266.80	273.00	280.40	289.00	300.80
A	F ELEM B	37	269.59	7.33	248.00	287.00	261.40	265.50	268.62	272.71	277.30
A	F ELEM W	145	275.88	10.51	242.00	299.00	262.20	269.77	274.70	283.29	287.83
A	F HS B	27	267.74	13.05	237.00	296.00	252.27	253.60	265.33	275.00	284.60
A	F HS W	174	278.53	10.22	255.00	302.00	264.45	270.50	277.15	284.78	291.67
A	F COLL B	15	270.73	11.13	260.00	297.00	260.00	263.00	267.20	271.00	288.00
A	F COLL W	365	281.54	10.37	246.00	324.00	268.64	273.35	281.28	287.40	293.14
A	F D.K. B	13	269.38	10.69	250.00	288.00	255.20	263.25	268.00	277.00	281.40
A	F D.K. W	53	278.55	16.04	237.00	334.00	262.24	268.60	276.25	286.75	293.76
N	M ELEM B	54	260.85	11.44	237.00	285.00	243.87	254.25	260.40	269.50	274.80
N	M ELEM W	237	267.65	11.85	237.00	302.00	250.83	260.21	267.63	274.85	282.40
N	M HS B	48	262.42	10.52	240.00	286.00	244.24	257.20	263.00	266.00	273.47
N	M HS W	163	269.66	13.30	237.00	319.00	253.60	260.79	268.54	277.08	285.23
N	M COLL B	21	262.71	12.68	244.00	299.00	244.80	255.67	260.80	267.50	277.60
N	M COLL W	120	273.90	15.35	240.00	329.00	255.00	263.50	273.00	282.44	290.80
N	M D.K. B	51	259.04	10.81	237.00	285.00	243.10	250.43	259.40	264.78	273.60
N	M D.K. W	80	265.84	11.84	237.00	294.00	248.40	257.43	265.60	273.43	280.67
N	F ELEM B	82	259.59	10.35	237.00	278.00	243.20	252.57	260.00	266.77	271.44
N	F ELEM W	303	268.05	10.14	240.00	302.00	254.91	261.07	267.71	273.78	280.77
N	F HS B	54	260.72	10.16	240.00	281.00	245.20	253.00	262.00	267.43	272.88
N	F HS W	204	268.42	9.49	237.00	291.00	256.56	262.60	267.66	273.86	280.65
N	F COLL B	22	262.14	8.56	248.00	286.00	251.60	255.50	261.00	265.60	271.60
N	F COLL W	157	270.92	11.33	242.00	306.00	256.16	263.65	270.73	276.95	284.77
N	F D.K. B	62	259.18	8.24	237.00	274.00	245.20	254.20	260.00	264.71	268.40
N	F D.K. W	88	268.06	11.30	237.00	297.00	253.73	262.47	267.33	272.91	283.76
TOTAL		3409	273.23	13.94	237.00	344.00	255.77	263.67	272.00	282.11	289.94

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 46

STEP SCIENCE, FORM 28, GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1798	286.33	12.38	249.00	324.00	269.92	277.18	285.47	294.54	302.22
NON-ACADEMIC		1747	275.52	11.28	249.00	317.00	260.18	266.93	274.36	282.40	289.96
MALES		1657	283.50	13.98	249.00	324.00	263.93	273.06	282.78	292.30	301.35
FEMALES		1888	278.81	11.70	249.00	317.00	262.57	270.38	277.62	286.21	293.91
ELEM F-ED.		1024	278.00	11.86	249.00	317.00	261.77	269.32	276.60	285.05	293.11
HS F-ED.		948	280.44	12.39	249.00	324.00	262.87	271.51	279.80	288.21	296.77
COLL F-ED.		1210	285.48	13.18	251.00	324.00	267.35	275.54	284.69	294.30	302.45
D.K. F-ED.		363	275.97	12.79	249.00	311.00	259.78	266.40	274.12	283.43	292.99
BLACK		542	270.61	10.32	249.00	317.00	256.76	262.45	269.35	275.71	283.68
WHITE		3003	282.88	12.58	249.00	324.00	265.87	273.59	281.87	290.70	299.09
NOT IN SAMPLE		3551	277.81	13.21	249.00	322.00	259.98	267.80	276.03	285.91	295.56

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A M	ELEM B	17	274.76	9.50	260.00	292.00	260.00	265.00	275.00	281.00	288.60
A M	ELEM W	156	285.87	12.96	251.00	317.00	268.30	276.86	285.88	294.80	300.40
A M	HS B	28	277.25	14.87	256.00	317.00	259.20	264.00	274.00	285.33	290.93
A M	HS W	224	288.41	11.55	249.00	320.00	273.13	280.67	287.85	296.50	301.87
A M	COLL B	20	276.30	12.38	255.00	298.00	260.00	264.00	276.00	283.20	292.00
A M	COLL W	390	293.19	12.16	256.00	324.00	276.80	283.95	293.24	301.75	307.60
A M	D.K. B	16	276.19	9.72	260.00	291.00	264.80	268.00	276.00	284.00	288.80
A M	D.K. W	34	288.91	11.62	265.00	311.00	274.80	279.60	287.00	296.67	306.13
A F	ELEM B	36	273.69	8.71	256.00	289.00	262.40	266.86	273.00	279.00	286.40
A F	ELEM W	146	282.84	10.68	251.00	310.00	268.91	274.75	281.57	290.12	297.35
A F	HS B	26	270.46	11.42	253.00	291.00	256.80	261.20	267.00	278.00	288.53
A F	HS W	186	284.47	10.82	258.00	317.00	270.24	276.56	283.44	291.15	297.97
A F	COLL B	15	275.13	8.06	263.00	291.00	264.67	267.67	274.00	278.50	289.00
A F	COLL W	440	285.79	10.26	253.00	313.00	272.51	277.50	284.82	291.79	299.05
A F	D.K. B	12	275.83	10.46	255.00	292.00	260.80	272.80	275.20	284.00	287.60
A F	D.K. W	52	284.44	12.18	262.00	310.00	268.20	275.20	283.00	290.86	302.40
N M	ELEM B	50	271.74	10.44	251.00	300.00	257.00	264.25	270.86	279.00	284.80
N M	ELEM W	233	277.33	11.79	249.00	308.00	260.54	268.47	276.67	284.90	291.25
N M	HS B	48	270.33	9.82	249.00	295.00	257.03	261.00	270.67	276.00	281.60
N M	HS W	169	279.02	11.92	251.00	317.00	262.76	270.31	277.04	286.76	294.48
N M	COLL B	19	270.26	10.49	258.00	294.00	258.53	261.40	268.50	274.50	288.40
N M	COLL W	136	283.01	11.93	251.00	310.00	266.49	274.40	282.61	290.10	298.28
N M	D.K. B	40	269.55	10.57	249.00	302.00	256.00	263.00	267.60	272.80	282.67
N M	D.K. W	77	276.17	12.38	249.00	300.00	258.70	267.22	276.33	283.67	292.30
N F	ELEM B	85	267.45	8.49	249.00	291.00	253.20	261.21	267.54	273.19	276.75
N F	ELEM W	301	276.82	9.61	253.00	303.00	264.01	269.72	275.50	282.30	289.03
N F	HS B	56	268.36	8.52	249.00	298.00	257.30	261.09	267.00	272.67	278.72
N F	HS W	211	276.73	8.69	251.00	298.00	264.29	270.73	275.56	282.21	287.04
N F	COLL B	21	266.62	8.30	251.00	291.00	256.20	261.00	265.20	269.75	275.60
N F	COLL W	169	274.93	11.37	251.00	303.00	259.07	265.18	274.28	282.32	290.03
N F	D.K. B	53	266.58	8.86	249.00	287.00	253.15	260.63	266.36	272.64	275.53
N F	D.K. W	79	274.16	10.41	249.00	297.00	260.45	266.36	272.67	279.62	290.80
TOTAL		3545	281.00	13.03	249.00	324.00	263.11	271.58	280.23	285.40	298.15

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

STEP SCIENCE, FORM 48, GRADE 5, 1961

TABLE 47

***** ANALYSIS OF VARIANCE TABLE *****						
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
1						
TOTAL		237532509.0000	3650			
MEAN		236922708.1758	1	236922708.1758	1417184.0000	0.0000
ERROR		610200.8242	3649	167.1784		
CUR		49186.3493	1	49186.3493	395.6206	0.0000
SEX		462.2818	1	462.2818	3.7183	0.0541
F-ED		9671.4050	3	3223.8017	25.9300	0.0000
RACE		42785.9860	1	42789.9860	344.1729	0.0000
ERROR		453047.3878	3643	124.3270		
CS		506.2958	1	506.2958	4.1160	0.0426
CF		1349.9781	3	449.9927	3.6583	0.0121
CR		1096.7075	1	1096.7075	8.9159	0.0029
SF		908.1103	3	302.7034	2.4609	0.0608
SR		37.2675	1	37.2675	0.3030	0.5822
FR		1096.0660	3	365.3553	2.9702	0.0308
ERROR		446757.5242	3631	123.0050		
CSF		468.4848	3	156.1616	1.2702	0.2829
CSR		799.6515	1	799.6515	6.5040	0.0109
CFR		137.4147	3	45.8049	0.3726	0.7727
SFR		93.7784	3	31.2595	0.2543	0.8584
ERROR		445314.0515	3621	122.9471		
CSFR		240.1577	3	80.0659	0.6510	0.5819
ERROR		445073.8638	3618	122.9826		

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	254815513.0000	3590			
MEAN	254329647.6796	1	254329647.6796	1877664.0000	0.0000
ERROR	486265.3204	3589	135.4500		
CUR	44859.1105	1	44859.1105	447.4619	0.0000
SEX	1141.8752	1	1141.8752	11.3900	0.0009
F.ED	11465.3517	3	3821.7839	38.1216	0.0000
RACE	22873.9273	1	22873.9273	228.1635	0.0000
ERROR	359304.2002	3583	100.2523		
CS	540.6078	1	540.6078	5.4880	0.0193
CF	2474.6931	3	824.8977	8.3739	0.0001
CR	1063.7193	1	1063.7193	10.7983	0.0011
SF	1159.7861	3	386.5954	3.9245	0.0084
SR	40.9501	1	40.9501	0.4157	0.5194
FR	359.5519	3	119.8640	1.2168	0.3020
ERROR	351869.5302	3571	98.5078		
CSF	80.9040	3	26.9680	0.2737	0.8444
CSR	350.0650	1	350.0650	3.5523	0.0598
CFR	338.0476	3	112.6825	1.1434	0.3301
SFR	94.5631	3	31.5210	0.3199	0.8109
ERROR	351020.9661	3561	98.5461		
CSFR	170.4522	3	56.8174	0.5764	0.6304
ERROR	350850.5139	3558	98.5813		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 FLEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

DEPENDENT VARIABLE

***** ANALYSIS OF

1

VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	255165852.0000	3408			
MEAN	254503153.2825	1	254503153.2825	1308809.0000	0.0000
ERROR	662698.7175	3407	194.4539		
CUR	78316.2235	1	78316.2235	574.2039	0.0000
SEX	2268.0593	1	2268.0593	16.6291	0.0001
F-ED	16442.2890	3	5480.7630	40.1842	0.0000
RACE	34302.0888	1	34302.0888	251.4982	0.0000
ERROR	464001.8829	3401	136.3910		
CS	302.5525	1	302.5525	2.2365	0.1350
CF	1469.2652	3	489.7551	3.6203	0.0127
CR	372.8064	1	372.8064	2.7558	0.0972
SF	1607.5125	3	535.8375	3.9610	0.0079
SR	15.2315	1	15.2315	0.1126	0.7373
FR	445.3725	3	148.4575	1.0974	0.3489
ERROR	458597.4097	3389	135.2795		
CSF	417.6500	3	139.2167	1.0286	0.3787
CSR	225.7467	1	225.7467	1.6679	0.1968
CFR	327.8774	3	109.2925	0.8075	0.4894
SFR	84.0128	3	28.0043	0.2069	0.8916
ERROR	457462.6558	3379	135.3440		
CSFR	61.0228	3	20.3409	0.1502	0.9298
ERROR	457401.6730	3376	135.4462		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SCIENCE, FORM 2B, GRADE 11, 1967

TABLE 50

DEPENDENT VARIABLE
***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	280518131.0000	3544			
MEAN	279916265.2517	1	279916265.2517	1648246.0000	0.0000
ERROR	601865.7483	3543	169.8267		
CUR	57875.6151	1	57875.6151	473.1467	0.0000
SEX	14528.7570	1	14528.7570	118.7763	0.0000
F.ED	5958.0470	3	1986.0157	16.2361	0.0001
RACE	38017.6273	1	38017.6273	310.8030	0.0000
ERROR	432770.2170	3537	122.3206		
CS	192.7134	1	192.7134	1.6030	0.2057
CF	1612.1593	3	537.3998	4.4702	0.0040
CR	989.0024	1	989.0024	8.2267	0.0043
SF	3669.4579	3	1223.1526	10.1744	0.0001
SR	0.0045	1	0.0045	0.0000	0.9951
FR	579.5442	3	193.1814	1.6069	0.1857
ERROR	423892.6516	3525	120.2192		
CSF	326.0753	3	108.6918	0.9038	0.4384
CSR	86.3252	1	86.3252	0.7178	0.3972
CFR	61.3107	3	20.4369	0.1699	0.9165
SFR	600.9406	3	200.3135	1.6656	0.1723
ERROR	422857.6368	3515	120.2667		
CSFR	336.2557	3	112.0866	0.9319	0.4243
ERROR	422521.3771	3512	120.2737		

KEY

A academic
 3 black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 " white
 * no valid statistic
 (N < 5)

STEP SCIENCE, O ORDER TREND

TABLE 51

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1578	274.03	10.79	241.50	311.50	260.51	267.05	273.28	280.18	288.07
NON-ACADEMIC		1624	263.42	9.06	240.00	299.25	251.73	256.84	262.86	269.40	275.14
MALES		1509	270.02	12.36	240.25	311.50	253.78	260.68	269.48	277.65	286.36
FEMALES		1693	267.42	10.05	240.00	307.25	254.50	260.27	267.04	273.91	280.13
ELEM F.ED.		966	265.70	9.67	240.25	302.50	253.06	258.73	265.40	271.47	278.44
HS F.ED.		882	267.98	10.54	242.00	309.25	254.21	260.41	267.76	274.71	280.43
COLL F.ED.		1013	273.68	11.52	243.00	311.50	258.18	265.91	273.11	280.84	288.79
D.K.F.ED.		341	263.77	11.10	240.00	305.00	249.73	256.21	262.34	270.61	277.53
BLACK		510	259.01	8.13	240.00	291.50	248.86	253.16	258.28	263.74	270.06
WHITE		2692	270.47	10.85	240.25	311.50	256.62	262.91	269.82	276.93	284.48
NOT IN SAMPLE		249	264.18	11.96	242.75	305.75	250.07	255.00	262.00	271.50	280.93
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	17	261.51	7.58	244.00	274.75	253.40	257.00	260.67	266.33	272.60
A	M	152	272.53	11.09	241.50	302.50	257.83	265.88	271.74	279.58	286.90
A	M	26	261.70	9.37	245.25	281.25	251.20	254.00	259.00	269.20	276.80
A	M	208	275.06	10.35	247.75	309.25	264.25	268.37	273.79	280.00	287.49
A	M	19	266.71	9.15	253.50	291.50	256.90	259.75	266.00	270.60	280.40
A	M	325	279.99	11.17	249.25	311.50	266.00	272.50	279.19	287.43	294.21
A	M	16	262.56	8.78	245.00	276.75	250.40	256.00	262.67	268.00	276.75
A	M	31	276.27	10.87	259.00	298.75	262.20	268.88	273.50	279.50	295.60
A	F	34	263.24	6.07	251.25	278.25	255.20	259.60	262.91	266.44	271.20
A	F	132	270.39	8.91	243.50	294.25	257.89	265.19	270.07	276.29	282.27
A	F	25	261.42	9.96	246.75	278.75	249.50	253.25	260.50	269.50	277.50
A	F	169	273.10	8.08	254.25	296.75	261.98	268.36	273.03	277.90	284.44
A	F	15	264.70	8.88	251.75	282.75	253.00	259.00	263.50	267.25	278.00
A	F	349	275.46	8.45	256.25	307.25	265.16	269.07	274.42	280.56	286.85
A	F	12	262.60	8.61	248.75	276.75	252.80	257.00	260.00	268.00	275.60
A	F	48	273.17	11.17	244.50	305.00	261.44	267.20	272.36	278.00	289.60
A	M	49	258.79	8.39	242.50	280.00	248.45	252.13	257.50	264.60	270.07
A	M	221	264.49	8.90	240.25	285.75	252.02	257.81	264.58	270.53	275.98
A	M	43	258.27	7.36	244.25	273.50	249.20	251.55	257.75	263.12	269.40
A	M	160	265.69	9.75	247.25	298.25	253.56	258.26	264.59	272.60	278.15
A	M	18	259.08	8.30	248.25	280.00	250.40	253.50	257.33	262.00	272.80
A	M	115	268.94	11.01	245.00	299.25	253.83	259.91	269.30	275.12	283.00
A	M	37	256.37	6.94	245.00	272.75	246.47	251.25	255.78	259.89	267.07
A	M	72	262.69	9.38	245.25	285.75	249.76	256.00	261.67	269.71	274.72
A	M	77	256.70	6.69	240.50	271.50	248.52	252.07	257.12	261.72	264.87
A	F	284	264.99	7.39	243.50	286.75	254.94	259.79	264.79	269.83	274.77
A	F	53	257.66	7.14	242.00	277.75	248.20	252.90	257.57	261.90	266.70
A	F	198	264.53	7.22	245.00	282.75	255.47	259.35	264.21	269.54	273.73
A	F	20	255.61	7.28	243.00	278.25	248.00	252.00	254.50	258.67	262.67
A	F	152	265.55	8.62	243.75	291.25	254.62	259.45	265.19	271.45	276.83
A	F	49	255.08	6.34	240.00	269.00	245.27	249.86	256.56	259.28	263.28
A	F	76	263.38	8.67	242.50	286.50	253.04	257.33	262.93	267.75	275.20
TOTAL		3202	268.55	11.27	240.00	311.50	254.15	260.42	266.14	275.56	283.15

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum race interaction
CS curriculum-school interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

STEP SCIENCE, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1578	20.12	7.64	-7.83	48.75	10.72	15.06	19.96	24.87	29.90
NON-ACADEMIC		1624	18.67	7.85	-5.37	52.77	8.95	13.44	18.39	23.64	28.36
MALES		1509	20.62	8.40	-7.83	52.77	10.18	14.97	20.51	25.71	31.38
FEMALES		1693	18.28	7.00	-5.37	48.75	9.43	13.62	18.22	23.00	27.00
ELEM F.ED.		966	18.95	7.43	-4.25	46.51	9.58	14.18	18.68	23.71	28.48
HS F.ED.		882	19.60	7.90	-7.83	48.75	10.43	14.22	19.57	24.54	29.35
COLL F.ED.		1013	19.60	7.97	-5.37	52.77	9.43	14.12	19.38	24.55	29.75
D.K.F.ED.		341	19.40	7.80	-2.24	46.51	10.14	14.08	19.16	24.12	28.91
BLACK		510	18.97	7.18	0.22	46.51	10.30	14.05	18.76	23.41	27.96
WHITE		2692	19.46	7.88	-7.83	52.77	9.62	14.19	19.25	24.44	29.48
NOT IN SAMPLE		249	20.13	8.32	-4.25	44.50	10.13	14.98	19.90	25.59	30.37
CLASSIFICATION											
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M	17	22.37	8.23	7.83	34.44	10.05	17.25	21.00	29.81	31.95
A	M	152	20.65	7.77	-3.80	36.67	11.16	16.00	20.70	26.38	30.81
A	M	26	20.01	7.47	6.93	40.92	12.10	14.75	20.00	23.62	30.60
A	M	208	21.10	8.39	-7.83	44.94	11.29	15.55	21.50	26.10	32.16
A	M	19	19.21	8.96	0.57	34.88	7.20	13.13	19.88	24.37	31.80
A	M	325	21.67	8.30	-2.46	48.52	10.90	16.22	21.57	27.02	32.16
A	M	16	24.32	6.94	13.19	37.34	15.30	19.50	24.00	28.50	33.90
A	M	31	21.11	7.81	4.47	38.46	10.65	15.56	21.37	25.65	28.44
A	F	34	18.51	6.90	6.04	38.46	10.80	14.14	18.00	21.86	27.30
A	F	132	19.39	6.29	0.45	34.66	10.58	15.62	19.62	23.75	27.08
A	F	25	17.23	7.26	1.79	32.87	10.95	12.08	15.00	23.25	27.75
A	F	169	19.24	7.73	-0.67	48.75	9.45	14.44	19.66	23.98	27.45
A	F	15	19.23	5.60	11.18	32.42	12.75	15.25	18.38	22.87	27.00
A	F	349	18.58	6.65	2.01	46.06	9.89	14.07	18.39	23.04	27.01
A	F	12	22.57	9.29	4.47	42.71	16.05	18.00	21.00	25.50	33.90
A	F	48	19.75	6.23	5.48	34.66	11.40	15.75	19.80	24.30	27.73
A	F	49	19.07	6.86	1.79	38.24	10.43	14.04	19.29	23.55	27.55
N	M	221	19.17	8.78	-2.46	46.51	8.22	13.62	18.63	24.55	31.17
N	M	43	18.95	6.48	2.91	30.86	9.80	14.42	19.20	23.92	27.20
N	M	160	20.13	8.55	2.01	45.17	8.36	13.90	20.34	24.94	31.00
N	M	18	18.26	6.38	8.72	31.08	9.30	14.40	18.00	21.60	27.30
N	M	115	21.66	9.18	2.01	52.77	9.82	15.42	21.00	27.45	32.85
N	M	37	20.94	9.30	2.46	46.51	10.05	14.44	21.00	25.03	29.40
N	M	72	19.88	9.23	-2.24	44.05	9.15	14.10	20.10	25.50	30.90
N	M	77	17.01	6.67	-0.22	32.87	8.14	12.47	17.34	21.44	25.24
N	F	284	18.00	6.66	-4.25	36.67	9.77	13.62	17.70	22.15	26.70
N	F	53	17.71	5.93	1.57	30.63	10.61	13.58	17.54	21.87	25.92
N	F	198	18.79	7.63	-4.92	39.58	9.95	13.89	18.40	24.10	28.59
N	F	20	19.89	5.97	5.37	30.63	13.50	15.75	20.50	23.50	27.00
N	F	152	16.16	8.01	-5.37	37.34	6.05	10.50	16.15	22.86	25.74
N	F	49	18.42	6.77	3.13	33.54	10.35	12.92	18.82	22.42	28.57
N	F	76	16.38	5.80	4.02	31.53	8.46	12.50	16.00	20.00	23.90
TOTAL		3202	19.38	7.78	-7.83	52.77	9.73	14.16	19.14	24.30	29.21

KEY

A

academic

B

black

BEQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP SCIENCE, 2ND ORDER TREND

TABLE 23

CLASSIFICATION	N	MEAN	S.D.	MIN	MAX	PERCENTILES				
						10	25	50	75	90
MARGINALS										
ACADEMIC	1578	-2.30	6.69	-35.00	23.00	-10.24	-6.39	-1.79	1.43	5.70
NON-ACADEMIC	1624	-1.60	7.12	-27.00	27.00	-10.08	-5.99	-1.64	2.63	7.59
MALES	1509	-1.57	7.45	-35.00	27.00	-10.39	-6.09	-1.39	2.92	7.50
FEMALES	1693	-2.28	6.39	-25.50	22.50	-10.01	-6.28	-1.97	1.40	5.30
ELEM F.ED.	966	-1.29	6.66	-22.50	27.00	-9.40	-5.22	-1.30	2.28	6.85
HS F.ED.	882	-1.67	7.03	-35.00	22.50	-9.79	-5.89	-1.54	2.27	7.29
COLL F.ED.	1013	-2.69	6.99	-29.50	23.00	-11.04	-6.93	-2.36	1.61	5.83
D.K.F.ED.	341	-2.28	6.94	-20.00	18.00	-11.41	-6.88	-1.78	1.99	6.80
BLACK	510	-3.17	7.01	-22.50	17.50	-11.95	-7.52	-3.00	1.06	5.80
WHITE	2692	-1.71	6.88	-35.00	27.00	-9.91	-5.89	-1.47	2.23	6.78
NOT IN SAMPLE	249	-4.39	7.36	-25.00	14.00	-13.09	-8.98	-4.47	0.10	4.80
CLASSIFICATION	N	MEAN	S.D.	MIN	MAX	PERCENTILES				
						10	25	50	75	90
ICUR SEX F.ED RACE										
A M ELEM B	17	-3.56	7.60	-14.00	14.00	-13.95	-9.75	-4.88	1.25	6.45
A M ELEM W	152	-0.68	6.48	-15.00	21.50	-9.63	-3.98	-0.48	3.07	7.06
A M HS B	26	-2.21	5.27	-14.00	8.00	-8.90	-6.00	-1.50	0.94	3.90
A M HS W	208	-1.73	7.67	-35.00	19.50	-10.12	-6.26	-1.44	2.50	7.74
A M COLL B	19	-6.00	6.87	-18.00	8.00	-12.82	-10.69	-6.25	-2.63	7.65
A M COLL W	325	-2.16	7.62	-29.50	23.00	-11.18	-6.58	-1.71	2.40	6.85
A M D.K. B	16	-5.06	6.53	-15.00	5.00	-14.10	-11.50	-4.50	0.0	2.70
A M D.K. W	31	-2.65	7.44	-19.00	11.00	-13.35	-6.38	-1.71	1.22	5.85
A F ELEM B	34	-3.40	6.31	-18.00	6.00	-12.30	-7.80	-2.00	1.01	3.80
A F ELEM W	132	-1.60	5.00	-15.50	20.50	-8.40	-4.69	-1.68	1.32	4.04
A F HS B	25	-4.52	7.55	-20.50	8.50	-14.25	-9.54	-4.13	1.25	5.25
A F HS W	169	-2.12	5.73	-25.50	22.50	-9.17	-5.46	-1.37	0.90	3.73
A F COLL B	15	-5.67	6.66	-22.50	6.00	-12.00	-7.88	-4.88	-1.25	1.00
A F COLL W	349	-2.88	5.94	-22.00	16.00	-10.21	-6.62	-2.37	1.00	4.23
A F D.K. B	12	-4.38	5.91	-15.00	3.50	-10.35	-9.00	-3.50	1.50	3.30
A F D.K. W	4	-2.66	6.98	-20.00	14.00	-10.20	-7.50	-1.50	1.50	5.70
N M ELEM B	49	-0.74	7.79	-15.00	17.50	-9.05	-6.34	-2.14	4.31	10.65
N M ELEM W	221	-0.81	7.43	-22.00	27.00	-9.83	-5.51	-1.04	3.62	8.42
N M HS B	43	-1.60	6.93	-13.50	16.50	-9.72	-6.32	-2.06	2.44	7.27
N M HS W	160	-0.68	7.81	-27.00	19.00	-9.00	-5.05	-1.04	3.95	9.50
N M COLL B	18	-4.39	7.44	-20.50	6.00	-15.30	-8.25	-3.30	2.00	4.80
N M COLL W	115	-1.38	7.75	-23.00	18.00	-10.80	-6.05	-0.86	3.54	8.40
N M D.K. B	37	-3.34	7.16	-16.50	16.50	-12.48	-6.96	-3.33	1.31	5.40
N M D.K. W	72	-0.72	7.15	-19.00	18.00	-9.56	-5.25	-0.44	3.83	8.58
N F ELEM B	77	-3.34	7.01	-22.50	14.00	-11.47	-7.43	-2.92	0.20	3.97
N F ELEM W	284	-1.01	6.34	-22.50	21.00	-8.19	-4.45	-1.12	2.17	6.67
N F HS B	53	-3.02	7.57	-18.50	14.50	-13.20	-7.08	-3.00	1.95	7.27
N F HS W	198	-1.26	6.58	-20.50	17.00	-9.60	-5.37	-1.42	2.90	8.06
N F COLL B	20	-4.53	5.11	-16.00	3.00	-9.90	-8.10	-3.75	-0.00	2.50
N F COLL W	152	-3.21	7.21	-22.00	18.50	-12.24	-8.07	-3.55	1.64	5.40
N F O.K. B	49	-2.54	7.10	-17.00	10.50	-12.36	-7.31	-1.67	1.44	7.56
N F O.K. W	76	-1.77	6.42	-13.50	15.00	-10.30	-6.50	-1.71	2.40	7.14
TOTAL	3202	-1.94	6.92	-35.00	27.00	-10.17	-6.10	-1.71	2.04	6.64

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's

education interaction

CR curriculum-race

interaction

CS curriculum-sex

interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

column) non-academic

N number of cases

NDF number of degrees of

freedom

SCAT School and College

Ability Tests

S.D. standard deviation

STEP Sequential Tests of

Educational Progress

TGI Test of General

Information

W white

* no valid statistic

(N = 5)

STEP SCIENCE, 0 ORDER TREND

TABLE 24

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****			
		1							
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY		
TOTAL		231499828.2500	3201						
MEAN		231092591.3050	1	231092591.3050	1816453.0000	0.0000	A academic		
ERROR		407236.9450	3200	127.2218			B black		
CUR		51476.8589	1	51476.8589	614.2656	0.0000	BEQ Background and Experience Questionnaire		
SEX		2765.9930	1	2765.9930	33.0062	0.0000	COLL college		
F-ED		8771.2481	3	2923.7494	34.8887	0.0000	CF curriculum-father's education interaction		
RACE		31476.9655	1	31476.9655	375.6099	0.0000	CR curriculum-race interaction		
ERROR		267748.0817	3194	83.8023			CS curriculum-sex interaction		
CS		237.3165	1	237.3165	2.8834	0.0999	CUR curriculum		
CF		1698.6673	3	566.2224	6.8797	0.0002	D.K. respondent did not know		
CR		1000.8872	1	1000.8872	12.1610	0.0006	ELEM elementary school		
SF		1290.6429	3	430.2143	5.2272	0.0014	F female		
SR		3.5816	1	3.5816	0.0435	0.8348	F-ED father's education		
FR		326.7916	3	108.9305	1.3235	0.2649	HS high school		
ERROR		261971.0170	3182	82.3032			N male		
CSF		87.7759	3	29.2586	0.3553	0.7851	MAX maximum		
CSR		311.1707	1	311.1707	3.7792	0.0521	MIN minimum		
CFR		248.5722	3	82.8574	1.0063	0.3890	N (when in "curriculum" column) non-academic		
SFR		37.7844	3	12.5948	0.1530	0.9279	N number of cases		
ERROR		261257.5522	3172	82.3377			NDF number of degrees of freedom		
CSFR		111.6162	3	37.2054	0.4516	0.7159	SCAT School and College Ability Tests		
ERROR		261145.9360	3169	82.3805			S.D. standard deviation		
							STEP Sequential Tests of Educational Progress		
							TGI Test of General Information		
							W white		
							* no valid statistic (N < 5)		

STEP SCIENCE, 1ST ORDER TREND

TABLE 25

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	1396443.3371	3201			
MEAN	1202870.5643	1	1202870.5643	19891.1602	0.0000
ERROR	193572.7728	3200	60.4726		
CUR	1193.9167	1	1193.9167	20.3181	0.0001
SEX	4000.9056	1	4000.9056	68.0874	0.0000
F.ED	104.0829	3	34.6943	0.5904	0.6211
RACE	15.0834	1	15.0834	0.2567	0.6126
ERROR	187742.4087	3194	58.7613		
CS	30.7195	1	30.7195	0.5246	0.4690
CF	266.8389	3	88.9463	1.5188	0.2076
CR	0.0138	1	0.0138	0.0002	0.9877
SF	614.5964	3	204.8655	3.4983	0.0150
SR	17.4739	1	17.4739	0.2984	0.5851
FR	492.8771	3	164.2924	2.8055	0.0384
ERROR	16401.5539	3182	58.5616		
CSF	259.6717	3	86.5572	1.4801	0.2179
CSR	75.5100	1	75.5100	1.2912	0.2560
CFR	76.9099	3	25.6366	0.4384	0.7255
SFR	533.0579	3	177.6860	3.0383	0.0281
ERROR	185560.9776	3172	58.4813		
CSFR	24.7962	3	8.2654	0.1412	0.9351
ERROR	185536.1814	3169	58.5288		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.N. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 FR high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP SCIENCE, 2ND ORDER TREND

Table 26

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL	MEAN	165341.0000	3201				A academic
ERROR		12094.2151	1	12094.2151	252.6224	0.0000	B black
		153246.7849	3200	47.8747			BEQ Background and Experience Questionnaire
CUR		289.2146	1	289.2146	6.1460	0.0133	COLL college
SEX		411.8786	1	411.8786	8.7527	0.0032	CF curriculum-father's
F-ED		944.0356	3	314.6785	6.6871	0.0003	education interaction
RACE		1236.3575	1	1236.3575	26.2734	0.0001	CR curriculum-race
ERROR		150348.2252	3194	47.0574			interaction
							CS curriculum-sex
CS		17.6174	1	17.6174	0.3738	0.5412	-interaction
CF		107.5993	3	35.8664	0.7610	0.5156	CUR curriculum
CR		36.6620	1	36.6620	0.7779	0.3781	D.K. respondent did not know
SF		54.5830	3	18.1943	0.3860	0.7630	ELEM elementary school
SR		12.2207	1	12.2207	0.2593	0.6107	F female
FR		70.5250	3	23.5083	0.4988	0.6828	F-ED father's education
ERROR		150021.2578	3182	47.1321			HS high school
							M male
CSF		51.1053	3	17.0351	0.3609	0.7813	MAX maximum
CSR		4.4080	3	4.4080	0.0934	0.7600	MIN minimum
CFR		13.4994	3	4.4998	0.0953	0.9626	N (when in "curriculum"
SFR		172.2972	3	57.4324	1.2166	0.3021	N column) non-academic
ERROR		149789.2483	3172	47.2075			N number of cases
							NDF number of degrees of freedom
CSFR		94.3343	3	31.4448	0.6659	0.5729	SCAT School and Age
ERROR		149694.9140	3169	47.2224			S.D. standard deviation
							STEP Sequential Test of Educational Progress
							IGI Test of General Information
							W white
							* no valid statistic (N < 5)

STEP READING, FORM 4B, GRADE 5, 1961

TABLE 97

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1837	264.92	16.10	226.00	311.00	243.84	252.56	264.31	275.97	285.26
NON-ACADEMIC		1826	252.27	13.71	226.00	303.00	234.12	241.99	251.08	260.71	270.73
MALES		1724	255.86	16.10	226.00	311.00	234.95	243.50	253.84	266.52	276.87
FEMALES		1939	261.07	15.97	226.00	311.00	240.97	249.23	259.39	272.28	283.26
ELEM F.ED.		1052	255.39	14.42	226.00	311.00	237.23	245.06	253.38	264.25	274.75
HS F.ED.		960	257.51	15.73	226.00	311.00	237.18	246.09	255.69	268.47	277.71
COLL F.ED.		1234	264.50	16.41	226.00	311.00	243.23	251.92	263.81	275.93	285.19
D.K.F.ED.		417	251.88	15.83	226.00	303.00	231.28	239.25	249.96	260.71	273.33
BLACK		584	246.48	12.45	226.00	283.00	230.56	236.91	244.71	253.53	263.24
WHITE		3079	260.92	15.85	226.00	311.00	240.68	249.48	259.27	271.78	282.74
NOT IN SAMPLE		5098	252.61	16.38	226.00	311.00	232.51	239.33	250.13	262.58	275.45

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	245.61	8.84	226.00	235.07	238.67	244.67	251.00	258.40
A	M	ELEM	W	160	258.79	15.43	226.00	239.00	247.75	256.89	269.73	276.77
A	M	HS	B	30	249.70	14.90	226.00	230.00	239.20	245.20	260.00	274.00
A	M	HS	W	228	262.06	15.11	226.00	242.60	251.45	261.24	270.60	282.98
A	M	COLL	B	20	251.75	11.63	227.00	238.80	241.20	251.00	259.33	270.00
A	M	COLL	W	398	266.01	15.65	226.00	245.55	254.18	265.33	276.58	284.99
A	M	D.K.	B	16	245.13	13.29	226.00	226.00	235.33	242.00	254.00	257.20
A	M	D.K.	W	38	261.18	14.40	226.00	245.60	250.40	259.33	272.00	282.40
A	F	ELEM	B	37	255.00	12.54	231.00	238.70	245.00	254.67	263.75	271.73
A	F	ELEM	W	147	266.26	15.76	227.00	245.26	253.92	265.82	277.31	285.78
A	F	HS	B	27	254.93	14.65	231.00	235.70	241.50	255.00	266.33	276.60
A	F	HS	W	186	268.15	14.64	236.00	249.03	255.08	269.25	277.52	285.87
A	F	COLL	B	15	256.33	16.26	227.00	232.00	245.00	255.00	267.00	277.00
A	F	COLL	W	448	271.05	15.15	231.00	250.52	258.94	271.37	282.67	290.30
A	F	D.K.	B	13	254.46	15.91	226.00	238.60	242.50	253.00	257.67	279.40
A	F	D.K.	W	56	266.54	14.55	236.00	247.20	256.67	266.67	276.67	286.40
N	M	ELEM	B	55	243.65	10.56	226.00	231.00	235.88	240.92	250.71	259.00
N	M	ELEM	W	240	250.23	12.67	226.00	233.75	240.73	249.39	257.26	268.00
N	M	HS	B	50	243.38	10.63	226.00	228.29	235.20	242.00	249.71	259.00
N	M	HS	W	171	250.65	13.00	226.00	232.44	240.75	250.08	258.60	267.95
N	M	COLL	B	21	245.43	12.89	226.00	231.10	234.25	245.00	253.50	261.80
N	M	COLL	W	141	254.72	13.73	226.00	235.55	244.83	253.12	264.50	273.92
N	M	D.K.	B	52	237.96	9.07	226.00	226.50	230.00	236.00	241.60	249.60
N	M	D.K.	W	86	248.23	14.12	226.00	230.40	237.33	247.54	254.75	262.80
N	F	ELEM	B	87	247.90	10.12	226.00	234.35	241.83	247.38	254.50	260.46
N	F	ELEM	W	308	257.27	11.89	226.00	241.58	248.93	255.85	264.62	272.80
N	F	HS	B	56	245.89	12.23	226.00	231.16	236.00	241.00	252.40	263.60
N	F	HS	W	212	256.67	13.39	226.00	239.26	247.45	254.95	265.56	275.48
N	F	COLL	B	22	242.64	11.50	226.00	226.00	235.67	240.67	249.00	253.60
N	F	COLL	W	169	259.23	13.91	231.00	242.58	248.36	258.43	268.17	276.58
N	F	D.K.	B	65	243.52	10.33	226.00	230.29	235.44	243.27	248.92	253.71
N	F	D.K.	W	91	257.15	13.68	226.00	240.80	248.65	255.00	263.89	273.37
TOTAL		3663	258.62	16.24	226.00	311.00	237.80	246.83	256.73	269.76	280.95	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

Table 38

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1799	278.78	16.03	234.00	309.00	254.51	267.68	281.29	291.05	297.22
NON-ACADEMIC		1792	263.35	15.98	234.00	306.00	241.33	250.56	262.33	274.98	284.74
MALES		1692	268.52	18.19	234.00	309.00	242.70	253.66	268.34	282.80	292.15
FEMALES		1899	273.37	17.07	234.00	307.00	248.45	259.19	274.35	286.70	294.73
ELEM F-ED.		1015	267.00	16.44	234.00	309.00	244.84	254.32	266.00	279.38	288.70
HS F-ED.		539	269.84	17.57	234.00	306.00	244.55	256.10	270.30	283.55	292.32
COLL F-ED.		1224	278.05	16.41	234.00	307.00	253.40	266.46	280.41	290.53	297.30
D-K-F-ED.		413	263.27	18.25	234.00	306.00	238.72	247.07	260.86	276.71	289.28
BLACK		565	257.93	15.07	234.00	301.00	236.81	245.99	255.85	267.97	278.44
WHITE		3026	273.54	17.15	234.00	309.00	247.53	259.81	274.72	286.92	294.76
NOT IN SAMPLE		4417	263.48	18.82	234.00	311.00	238.27	246.96	260.17	278.24	289.81

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	259.11	15.15	234.00	235.60	247.00	258.40	266.00	280.80
A	M	ELEM	W	158	271.30	18.13	234.00	244.27	254.73	273.60	286.00	292.80
A	M	HS	B	29	260.93	16.17	234.00	239.60	248.33	258.50	271.67	284.40
A	M	HS	W	223	275.80	16.03	236.00	252.94	263.92	276.87	288.21	295.06
A	M	COLL	B	20	262.60	16.83	234.00	234.67	248.00	265.00	272.00	280.00
A	M	COLL	W	391	281.29	14.73	238.00	259.17	271.23	283.32	292.66	298.19
A	M	D-K.	B	16	264.44	16.60	238.00	239.20	253.00	260.00	280.00	283.20
A	M	D-K.	W	38	276.58	15.36	240.00	257.07	268.33	274.29	289.50	296.40
A	F	ELEM	B	34	270.03	15.65	234.00	249.60	256.67	272.67	281.00	287.60
A	F	ELEM	W	136	277.14	16.29	236.00	254.60	264.40	280.50	291.00	296.74
A	F	HS	B	26	268.92	17.50	234.00	245.20	253.00	272.00	279.50	292.80
A	F	HS	W	182	282.77	12.65	248.00	265.12	273.24	284.67	292.73	296.86
A	F	COLL	B	15	270.80	15.14	243.00	246.00	259.00	272.67	277.67	293.00
A	F	COLL	W	445	284.82	12.80	238.00	265.37	277.65	286.54	294.13	299.15
A	F	D-K.	B	13	265.15	16.71	245.00	246.60	252.33	262.00	271.00	293.40
A	F	D-K.	W	55	279.40	15.78	234.00	257.00	269.50	281.56	290.60	298.00
N	M	ELEM	B	55	254.78	11.38	234.00	238.50	246.11	253.56	261.00	269.67
N	M	ELEM	W	232	262.06	14.76	234.00	241.53	251.69	260.55	272.25	281.03
N	M	HS	B	46	251.98	12.80	234.00	234.04	240.67	250.67	260.67	267.52
N	M	HS	W	168	260.96	16.26	234.00	238.72	245.87	261.23	273.23	281.47
N	M	COLL	B	21	257.90	13.16	240.00	242.20	245.50	258.00	269.00	275.60
N	M	COLL	W	140	266.34	15.79	234.00	244.40	253.60	266.33	278.67	286.91
N	M	D-K.	B	51	249.67	13.20	234.00	235.40	239.00	246.20	255.40	265.80
N	M	D-K.	W	86	256.63	15.99	234.00	236.34	243.71	252.57	268.33	275.70
N	F	ELEM	B	83	258.27	13.20	234.00	235.32	246.56	255.29	264.71	273.70
N	F	ELEM	W	299	269.32	14.13	234.00	250.87	257.65	268.93	279.58	287.06
N	F	HS	B	54	258.76	14.11	234.00	240.80	247.71	256.57	266.80	278.13
N	F	HS	W	211	267.53	15.46	234.00	245.57	256.14	268.52	276.82	287.63
N	F	COLL	B	21	258.38	13.94	234.00	244.20	249.67	258.00	262.75	276.53
N	F	COLL	W	171	269.96	16.16	234.00	244.06	258.11	270.83	281.42	289.16
N	F	D-K.	B	63	252.62	12.26	234.00	235.15	242.71	250.44	260.33	265.80
N	F	D-K.	W	91	268.76	16.17	234.00	245.77	257.15	268.86	280.90	289.73
TOTAL		3551	271.08	17.77	234.00	309.00	245.30	256.72	271.58	285.05	293.76	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's

CR curriculum-race

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

N column) non-academic

NDF number of cases

NDF number of degrees of

SCAT School and College

S.D. standard deviation

STEP Sequential Tests of

TGI Test of General

W information

white

* no valid statistic

(N < 5)

STEP READING, FORM 3A, GRADE 9, 1965

Table 59

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1661	289.18	13.76	236.00	317.00	269.03	282.36	291.30	298.72	303.66
NON-ACADEMIC		1749	274.95	16.38	234.00	307.00	250.50	262.73	276.60	287.17	295.22
MALES		1607	278.74	17.48	234.00	315.00	252.82	266.31	281.17	292.26	299.84
FEMALES		1803	284.67	15.55	234.00	317.00	261.61	275.24	287.10	296.24	301.65
ELEM F.E.O.		1036	278.57	16.08	234.00	314.00	254.66	267.89	280.61	289.88	297.82
HS F.E.O.		914	280.96	16.47	234.00	312.00	257.03	269.67	283.39	294.02	300.04
COLL F.E.O.		1058	288.65	14.54	234.00	317.00	267.31	281.70	290.82	298.91	303.81
D.K.-F.E.O.		400	274.66	18.44	234.00	312.00	248.25	259.79	276.25	289.11	297.68
BLACK		569	269.99	15.93	234.00	312.00	247.50	258.40	270.54	281.98	289.27
WHITE		2841	284.26	15.87	234.00	317.00	260.50	274.21	286.94	296.15	301.74
NOT IN SAMPLE		4684	274.10	18.90	234.00	317.00	246.38	259.47	275.40	288.64	297.80

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.E.D RACE							10	25	50	75	90
A	M	18	274.00	10.91	247.00	288.00	259.60	268.00	274.00	282.50	285.20
A	M	160	283.25	15.61	236.00	312.00	259.14	272.22	286.00	295.63	300.00
A	M	30	274.77	14.30	245.00	296.00	254.00	262.67	278.00	287.20	292.00
A	M	214	286.18	13.94	245.00	310.00	266.16	278.50	288.06	296.06	302.40
A	M	19	278.16	14.11	250.00	309.00	259.80	265.50	279.00	287.25	298.40
A	M	339	291.15	12.43	247.00	315.00	273.30	285.00	293.07	300.02	304.10
A	M	16	273.88	18.38	245.00	301.00	252.40	259.00	266.00	290.00	295.60
A	M	36	290.78	10.07	267.00	310.00	278.80	286.44	290.57	297.00	303.60
A	F	37	282.73	13.16	240.00	301.00	267.40	276.50	285.71	290.60	295.73
A	F	145	289.68	14.12	245.00	314.00	268.80	282.56	292.47	299.17	303.69
A	F	27	276.85	17.47	240.00	302.00	248.80	265.00	280.00	289.25	296.60
A	F	174	291.83	11.10	260.00	312.00	275.70	285.88	294.12	299.61	303.90
A	F	15	285.00	14.05	252.00	312.00	274.50	276.75	284.50	289.00	304.00
A	F	365	295.23	9.78	250.00	317.00	283.00	289.11	296.38	301.34	305.41
A	F	13	277.31	15.82	251.00	299.00	252.60	267.00	280.00	288.33	296.80
A	F	53	290.47	13.43	247.00	312.00	273.07	282.33	291.67	299.87	304.47
N	M	55	263.71	14.08	238.00	305.00	246.40	252.50	261.78	271.89	281.00
N	M	238	270.87	15.57	234.00	305.00	246.72	260.71	271.93	282.52	289.05
N	M	48	265.46	15.73	234.00	296.00	243.60	255.33	263.33	274.00	281.60
N	M	162	271.54	16.44	234.00	306.00	249.36	259.22	271.20	283.40	293.89
N	M	21	267.19	14.05	242.00	290.00	246.40	256.50	267.00	279.00	287.20
N	M	120	278.18	15.91	234.00	305.00	254.00	267.67	281.20	289.05	296.80
N	M	51	261.35	15.33	234.00	305.00	242.13	249.80	259.75	271.00	279.80
N	M	80	266.81	16.50	234.00	307.00	246.50	254.00	265.00	279.00	290.67
N	F	82	269.74	13.47	238.00	299.00	250.69	259.43	270.40	280.04	297.15
N	F	303	281.67	13.05	242.00	307.00	261.57	273.59	283.18	290.04	297.03
N	F	54	271.31	15.25	234.00	302.00	247.60	260.00	272.22	282.67	289.20
N	F	205	281.34	14.79	238.00	307.00	261.00	272.31	282.50	292.69	298.50
N	F	21	269.57	14.66	245.00	299.00	250.20	259.00	268.00	277.50	288.53
N	F	158	283.02	15.14	234.00	307.00	263.03	273.50	285.16	293.41	300.76
N	F	62	263.71	15.57	234.00	290.00	240.00	253.00	264.00	276.00	281.87
N	F	89	280.79	14.79	247.00	303.00	258.72	272.17	281.87	292.37	297.67
TOTAL		3410	281.88	16.75	234.00	317.00	257.27	270.60	284.73	294.83	301.02

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 3

STEP READING, FORM 2B, GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1805	301.40	15.17	245.00	339.00	281.29	292.33	302.43	311.99	319.10
NON-ACADEMIC		1756	285.30	16.98	245.00	333.00	260.77	273.69	286.34	296.13	305.94
MALES		1669	290.72	18.65	245.00	339.00	262.84	277.93	292.32	303.90	313.44
FEMALES		1892	295.88	16.99	245.00	336.00	272.55	285.12	296.06	308.14	317.12
ELEM F-ED.		1030	288.78	17.85	245.00	339.00	263.37	276.49	289.74	301.47	311.06
HS F-ED.		948	292.59	17.37	245.00	330.00	267.95	282.27	293.73	304.07	313.80
COLL F-ED.		1215	300.36	16.04	245.00	336.00	278.52	290.96	302.01	311.79	318.80
D.K.-F-ED.		368	286.02	18.44	245.00	330.00	259.63	272.93	286.63	298.20	309.91
BLACK		547	279.89	16.65	245.00	333.00	256.34	268.45	279.54	290.80	301.33
WHITE		3014	295.93	17.11	245.00	339.00	272.50	285.74	296.76	308.17	316.83
NOT IN SAMPLE		3563	288.27	18.70	245.00	336.00	260.87	275.24	289.01	302.13	311.54

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M	18	283.17	15.67	245.00	306.00	259.20	274.00	286.00	291.50	300.80
A	M	158	293.74	18.42	248.00	339.00	267.60	281.50	295.20	305.87	315.54
A	M	29	284.17	19.30	245.00	307.00	260.90	268.50	289.00	299.80	305.68
A	M	225	298.81	14.14	245.00	328.00	282.57	291.10	299.50	308.13	315.83
A	M	19	288.05	15.11	261.00	321.00	271.60	277.83	284.67	300.50	312.40
A	M	392	303.40	13.99	245.00	330.00	285.91	295.86	304.22	312.77	315.47
A	M	16	287.38	15.54	259.00	311.00	261.40	277.33	288.00	300.00	305.60
A	M	34	299.35	12.73	273.00	324.00	281.60	289.43	298.67	310.00	315.60
A	F	35	292.40	13.76	264.00	321.00	271.33	282.33	290.75	301.50	313.00
A	F	146	302.30	15.34	257.00	336.00	281.60	292.67	303.09	314.20	320.16
A	F	26	290.42	16.31	260.00	326.00	270.40	279.00	283.00	301.00	310.80
A	F	186	304.06	12.74	261.00	330.00	288.18	294.82	304.00	313.27	319.55
A	F	15	294.27	14.40	262.00	313.00	273.00	291.00	295.50	304.50	310.00
A	F	442	307.02	12.00	255.00	336.00	291.04	298.79	307.71	315.66	321.30
A	F	12	290.50	14.83	258.00	315.00	272.80	282.00	293.33	300.00	303.60
A	F	52	303.63	13.53	259.00	330.00	288.16	293.71	303.20	312.00	321.07
N	M	52	269.87	14.76	245.00	302.00	250.00	255.20	272.00	280.00	284.80
N	M	232	281.52	16.01	245.00	323.00	260.06	269.56	283.06	292.67	301.20
N	M	47	276.40	15.27	245.00	309.00	250.80	267.50	277.43	286.50	295.07
N	M	168	283.78	17.84	245.00	323.00	260.48	270.00	284.94	295.37	306.56
N	M	21	275.24	17.92	245.00	308.00	252.13	257.00	278.00	285.50	299.60
N	M	137	289.19	16.20	245.00	326.00	266.16	278.41	290.33	301.27	308.65
N	M	42	277.17	14.32	252.00	305.00	258.56	263.60	274.67	286.80	297.60
N	M	79	278.43	18.47	245.00	326.00	253.52	263.17	277.67	290.83	302.48
N	M	85	277.86	14.40	245.00	310.00	260.40	268.64	276.60	286.50	298.00
N	F	304	291.46	14.89	248.00	326.00	270.70	281.44	291.90	301.68	309.76
N	F	56	278.34	16.30	245.00	319.00	254.13	269.00	280.50	289.14	295.40
N	F	211	291.68	14.33	247.00	328.00	274.34	283.71	292.30	300.87	307.65
N	F	21	275.90	18.51	253.00	333.00	254.80	262.50	271.50	286.33	293.80
N	F	168	292.99	15.03	247.00	323.00	273.90	284.31	292.75	303.20	310.83
N	F	53	274.75	14.25	247.00	299.00	254.15	262.60	275.00	285.87	297.36
N	F	80	287.59	16.43	245.00	328.00	266.00	275.60	288.00	296.80	300.40
TOTAL		3561	293.46	17.59	245.00	339.00	267.64	281.80	294.41	306.20	315.78

KEY

A

academic

B

black

BEQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

STEP READING, FORM 48, GRADE 5, 1961

TABLE 61

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		245555703.0000	3662						
MEAN		244989631.8605	1		928660.0625			0.0000	
ERROR		966071.1395	3661	263.8098					
CUR		84649.2585	1	84649.2585	436.3447			0.0000	
SEX		31404.5430	1	31404.5430	161.8821			0.0000	
F.ED		12215.8863	3	4071.9601	20.9899			0.0000	
RACE		55212.9036	1	55212.9036	284.6077			0.0000	
ERROR		709250.5028	3655	193.9964					
CS		86.6255	1	86.6255	0.4486			0.5033	
CF		1258.0352	3	419.3451	2.1714			0.0894	
CR		868.8125	1	868.8125	4.4989			0.0339	
SF		1330.1559	3	443.3866	2.2959			0.0758	
SR		542.8364	1	542.8364	2.8109			0.0941	
FR		1234.5485	3	411.6495	2.1316			0.0941	
ERROR		703721.2167	3643	193.1179					
CSF		211.4725	3	70.4908	0.3645			0.7786	
CSR		577.2284	1	577.2284	2.9846			0.0844	
CFA		106.9013	3	35.6338	0.1842			0.9071	
SFR		183.5079	3	61.1693	0.3163			0.8137	
ERROR		702826.2357	3633	193.4030					
CSFR		80.9770	3	26.9923	0.1395			0.9365	
ERROR		702745.2627	3630	193.5405					

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP READING, FORM 38, GRADE 7, 1963

TABLE 62

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	265018121.0000	3590			
MEAN	263884378.5070	1	263884378.5070	835590.5000	0.0000
ERROR	1133742.4530	3589	315.8059		
CUR	128219.2474	1	128219.2474	572.3513	0.0000
SEX	28266.2589	1	28266.2589	126.1765	0.0000
F.ED	17709.7568	3	5903.2523	26.3512	0.0000
RACE	56841.7084	1	56841.7084	253.7329	0.0000
ERROR	802893.9306	3583	224.0218		
CS	18.8238	1	18.8238	0.0847	0.7711
CF	4758.1255	3	1599.3752	7.1937	0.0001
CR	625.6101	1	625.6101	2.8139	0.0939
SF	1859.7654	3	619.9218	2.7883	0.0393
SR	449.5138	1	449.5138	2.0218	0.1553
FR	475.0077	3	158.3359	0.7122	0.5444
ERROR	794166.7472	3571	222.3312		
CSF	1399.0644	3	466.3548	2.1027	0.0978
CSR	954.2776	1	954.2776	4.3026	0.0381
CFR	914.2650	3	304.7563	1.3741	0.2488
SFR	730.0370	3	243.3457	1.0772	0.3490
ERROR	790026.1953	3561	221.7930		
CSFR	391.3440	3	130.4480	0.5879	0.6228
ERROR	789634.8514	3558	221.8700		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP READING, FURN 3A, GRADE 9, 1965

TABLE 63

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES		NDF		MEAN SQUARE			
TOTAL		271896747.0000	3409			270940086.9049	965478.0000		0.0000
MEAN		270940086.9049	1			280.6279			
ERROR		556660.0951	3408						
CUR		108601.9733	1			108601.9733	553.3315		0.0000
SEX		38913.5142	1			38913.5142	198.2660		0.0000
F.ED		15654.5655	3			5218.1952	26.5869		0.0000
RACE		49902.8602	1			49902.8602	254.2571		0.0000
ERROR		667903.9246	3402			196.2692			
CS		2040.0600	1			2040.0600	10.4912		0.0014
CF		1510.7541	3			503.5980	2.5898		0.0513
CR		164.5508	1			164.5508	0.8462		0.3578
SF		1721.9022	3			573.9674	2.9517		0.0314
SR		1322.6270	1			1322.6270	6.8017		0.0092
FR		829.0337	3			276.3446	1.4211		0.2346
ERROR		659394.7191	3390			194.4545			
CSF		1697.6735	3			565.8912	2.9176		0.0330
CSR		843.6805	1			843.6805	4.3498		0.0372
CFR		857.9977	3			285.9992	1.4745		0.2195
SFR		493.5766	3			164.6589	0.8489		0.4667
ERROR		655777.2035	3380			193.9596			
CSFR		608.0251	3			202.6750	1.0450		0.3714
ERROR		655169.1784	3377			193.9519			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 64

STEP READING, FORM 2B, GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		307826334.0000	3560						
MEAN		306673620.0766	1	306673620.0766	947119.2500			0.0000	
ERROR		1152713.9234	3559	323.7962					
CUR		142765.5272	1	142765.5272	634.1980			0.0000	
SEX		32464.3031	1	32464.3031	144.2141			0.0000	
F.ED		16841.2808	3	5613.7603	24.9376			0.0000	
RACE		60458.7117	1	60458.7117	268.5718			0.0000	
ERROR		800047.2932	3553	225.1119					
CS		119.1607	1	119.1607	0.5334			0.4652	
CF		1620.3842	3	540.1281	2.4179			0.0645	
CR		82.2854	1	82.2854	0.3684			0.5442	
SF		4237.0571	3	1412.3524	6.3225			0.0004	
SR		993.4761	1	993.4761	4.4473			0.0350	
FR		1351.4865	3	450.4955	2.0167			0.1095	
ERROR		791233.5043	3541	223.3862					
CSF		237.6495	3	79.2165	0.3549			0.7853	
CSR		805.5222	1	805.5222	3.6087			0.0576	
CFR		922.7123	3	307.5708	1.3779			0.2476	
SFR		802.2721	3	267.4240	1.1980			0.3089	
ERROR		788401.2108	3531	223.2168					
CSFR		165.3763	3	55.1254	0.2468			0.8633	
ERROR		788235.8345	3528	223.3596					

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 65

STEP READING, 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1588	283.16	13.76	238.00	314.25	264.20	274.03	284.45	293.67	299.55
NON-ACADEMIC		1640	269.00	13.69	237.25	306.25	250.30	258.74	269.06	278.91	286.93
MALES		1525	273.21	15.73	238.00	314.25	251.51	261.01	272.90	285.13	294.26
FEMALES		1703	278.43	14.75	237.25	313.00	258.21	268.18	279.16	289.78	297.40
ELEM F-ED.		975	272.41	14.42	238.00	314.25	252.76	261.67	272.40	282.64	291.06
HS F-ED.		881	275.12	14.95	237.50	310.00	253.68	264.80	275.67	285.93	294.68
COLL F-ED.		1024	282.39	14.38	237.25	313.00	261.99	272.21	283.96	293.59	299.46
D.K.F-ED.		348	269.17	15.87	238.00	305.25	248.38	256.15	268.91	280.17	291.45
BLACK		516	263.68	13.21	237.50	301.00	246.81	253.29	262.47	272.48	281.79
WHITE		2712	278.30	14.71	237.25	314.25	257.80	268.16	278.93	289.55	297.06
NOT IN SAMPLE		245	267.96	16.01	236.50	302.00	246.88	254.50	267.55	280.50	290.24

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M	18	265.47	10.64	238.00	282.50	251.20	259.00	268.00	271.00	280.40
A	M	153	276.94	15.00	240.50	314.25	256.12	267.00	278.43	288.48	293.80
A	M	28	267.01	14.71	240.75	292.50	249.80	254.00	264.00	281.00	288.40
A	M	208	280.43	12.86	243.00	308.50	264.38	271.11	280.00	289.52	296.73
A	M	18	269.82	13.54	246.25	298.25	251.20	259.33	269.33	274.00	292.80
A	M	327	285.04	12.74	246.50	309.50	266.82	275.95	286.72	294.78	299.92
A	M	16	267.70	14.88	242.50	291.25	246.40	257.00	266.00	281.33	285.60
A	M	32	281.71	11.35	260.75	301.75	264.40	274.00	281.33	288.00	298.40
A	F	33	274.14	11.41	245.25	297.75	261.30	266.25	274.57	281.00	287.60
A	F	133	283.93	13.98	244.75	308.50	262.87	275.12	285.83	294.38	300.31
A	F	25	273.04	15.76	244.25	300.00	250.00	258.50	274.50	283.50	294.00
A	F	168	286.48	11.02	256.75	310.00	271.47	278.00	286.96	294.91	300.30
A	F	15	276.60	13.55	253.50	298.75	255.00	271.00	277.00	283.00	297.00
A	F	354	289.46	10.65	253.00	313.00	275.31	282.09	290.73	297.16	302.43
A	F	12	272.40	14.29	249.50	296.75	252.80	260.00	272.00	276.00	291.20
A	F	48	285.21	12.91	245.75	305.25	271.20	276.00	286.67	295.00	301.47
N	M	52	257.62	10.42	240.50	287.00	245.26	249.50	254.46	265.50	270.80
N	M	222	266.27	12.31	239.50	297.00	249.80	256.74	266.15	275.04	281.81
N	M	41	259.09	10.39	241.25	280.25	245.68	250.60	257.67	267.50	274.23
N	M	159	266.64	13.49	238.50	300.00	249.04	256.58	267.07	276.33	284.07
N	M	21	261.44	13.06	242.25	282.75	245.47	249.67	259.33	271.50	279.80
N	M	117	272.12	13.62	239.75	301.00	253.36	262.42	271.18	283.00	289.89
N	M	40	257.94	11.35	240.50	286.75	245.60	249.71	255.00	266.00	274.00
N	M	73	262.42	13.15	239.75	305.25	245.84	252.75	261.25	271.00	278.47
N	M	77	262.43	10.57	239.25	288.50	247.76	256.60	261.73	267.91	277.30
N	F	287	275.01	11.48	240.25	302.00	259.60	267.38	275.67	282.91	289.26
N	F	52	263.86	12.47	237.50	291.75	246.20	255.00	264.73	270.67	281.07
N	F	200	274.42	12.54	238.50	300.50	256.89	266.12	275.00	282.76	291.11
N	F	19	261.13	13.77	241.75	301.00	243.80	251.67	259.33	266.50	280.40
N	F	153	275.76	12.66	237.25	306.25	258.80	267.00	275.52	285.25	292.25
N	F	49	258.36	11.35	238.00	286.25	242.23	249.80	257.67	265.50	276.10
N	F	78	272.84	13.29	240.25	300.75	255.84	264.67	272.00	282.00	292.27

TOTAL		3228	275.97	15.44	237.25	314.25	254.20	264.76	276.43	287.67	295.95

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

Table 66

STEP READING, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1588	26.97	8.82	-19.68	62.16	16.13	21.02	26.88	32.84	38.27
NON-ACADEMIC		1640	24.62	9.73	-18.34	60.82	12.61	18.26	24.53	30.84	36.79
MALES		1525	25.49	10.03	-19.68	62.16	13.27	18.93	25.57	32.15	38.37
FEMALES		1703	26.03	8.73	-18.34	60.82	15.08	20.29	25.88	31.63	36.93
ELEM F.ED.		975	24.94	9.71	-19.68	60.82	13.75	18.93	24.73	31.03	37.35
HS F.ED.		881	26.01	9.13	-12.07	58.58	14.29	19.78	26.07	31.85	37.35
COLL F.ED.		1024	26.48	9.05	-16.32	56.35	15.04	20.61	26.44	32.64	37.90
D.K.F.ED.		348	25.43	9.73	-6.93	62.16	12.95	18.67	25.43	31.69	39.06
BLACK		516	24.99	8.87	-8.27	50.09	13.96	18.44	25.14	30.78	37.33
WHITE		2712	25.92	9.45	-19.68	62.16	14.25	19.90	25.86	32.06	37.65
NOT IN SAMPLE		245	26.43	9.38	0.00	51.88	13.58	19.85	26.83	33.14	38.40

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	8	18	28.52	8.76	15.65	17.30	23.25	27.75	36.00	39.30
A	M	ELEM	W	153	26.20	10.56	-19.68	14.15	19.67	26.47	33.06	39.42
A	M	HS	8	28	25.56	9.89	9.39	11.70	18.50	25.50	32.50	39.15
A	M	HS	W	208	27.14	9.40	-12.07	15.20	20.54	27.26	33.68	38.54
A	M	COLL	8	18	27.91	6.46	15.43	17.70	26.00	27.50	30.75	36.70
A	M	COLL	W	327	27.11	9.25	-16.32	15.95	21.12	26.68	33.19	38.97
A	M	D.K.	W	16	30.45	6.20	20.57	23.10	25.50	29.50	35.50	38.70
A	M	D.K.	W	32	29.66	11.39	3.13	17.10	22.50	29.70	34.00	44.70
A	F	ELEM	8	33	28.14	8.13	7.16	17.80	22.75	28.71	32.81	38.20
A	F	ELEM	W	133	27.19	8.54	5.37	15.93	21.35	26.77	32.73	38.51
A	F	HS	8	25	25.24	6.39	13.42	15.75	21.37	24.56	28.31	33.75
A	F	HS	W	168	26.32	7.76	5.81	16.78	20.70	26.23	31.33	36.30
A	F	COLL	8	15	28.62	7.39	16.55	21.00	23.81	26.63	34.27	39.00
A	F	COLL	W	354	26.81	8.11	4.92	16.41	21.13	27.03	32.59	37.26
A	F	D.K.	8	12	25.99	9.96	12.97	13.80	16.50	24.00	37.50	38.68
A	F	D.K.	W	48	27.33	7.14	10.51	17.85	23.50	27.14	31.50	36.30
N	M	ELEM	8	52	19.76	9.22	-8.27	8.70	14.50	20.00	25.93	31.20
N	M	ELEM	W	222	22.67	10.16	-6.04	9.30	16.43	22.39	29.64	36.67
N	M	HS	8	41	24.49	8.90	3.80	13.58	17.85	26.06	30.11	35.85
N	M	HS	W	159	24.41	10.44	-5.14	11.37	16.81	24.37	31.56	37.06
N	M	COLL	8	21	22.07	7.59	10.51	12.60	15.19	22.00	27.56	31.35
N	M	COLL	W	117	25.33	9.80	-0.45	13.28	19.72	25.58	31.70	37.63
N	M	D.K.	8	40	28.71	10.06	13.42	15.75	20.70	28.50	38.10	43.50
N	M	D.K.	W	73	22.76	11.48	-6.93	10.59	14.04	22.67	30.15	37.27
N	F	ELEM	8	77	22.88	7.27	5.59	14.31	17.48	21.92	27.75	33.22
N	F	ELEM	W	287	25.88	9.56	-18.34	16.40	20.61	25.24	31.35	36.76
N	F	HS	8	52	25.22	9.87	-3.80	12.30	18.21	26.10	31.20	38.58
N	F	HS	W	200	26.51	8.70	4.02	15.21	21.20	26.20	31.50	36.75
N	F	COLL	8	19	25.77	7.43	14.53	16.35	20.62	24.60	31.87	36.15
N	F	COLL	W	153	25.57	10.55	-7.83	11.49	18.58	25.76	32.77	38.02
N	F	D.K.	8	49	23.83	8.82	7.83	11.18	15.63	24.00	31.78	34.60
N	F	D.K.	W	78	23.25	8.05	1.12	12.78	17.77	22.80	29.18	33.42
TOTAL		3228	25.77	9.37	-19.68	62.16	14.18	19.69	25.74	31.36	37.60	

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 67

STEP READING, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1588	-1.10	8.02	-33.00	35.00	-10.44	-6.06	-0.96	3.62	8.98
NON-ACADEMIC		1640	-0.45	8.83	-36.50	32.50	-11.19	-5.94	-0.51	4.76	10.14
MALES		1525	-0.79	9.13	-34.00	35.00	-11.57	-6.39	-0.85	4.48	10.45
FEMALES		1703	-0.76	7.79	-36.50	30.00	-10.23	-5.72	-0.66	3.92	8.90
ELEM F.E.O.		975	-0.62	8.49	-34.00	35.00	-10.79	-5.85	-0.53	4.36	9.69
HS F.E.O.		881	-0.48	8.68	-33.00	31.50	-10.39	-5.87	-0.63	4.38	10.03
COLL F.E.O.		1024	-1.22	8.26	-36.50	30.00	-11.27	-6.39	-1.13	3.80	8.88
D.K.F.E.O.		348	-0.61	8.24	-23.00	32.50	-10.54	-5.57	-0.55	4.14	9.95
WHITE		516	-1.11	7.94	-26.50	27.00	-11.17	-6.00	-0.74	3.85	8.99
BLACK		2712	-0.71	8.54	-36.50	35.00	-10.77	-6.00	-0.74	4.23	9.72
NOT IN SAMPLE		245	-2.19	7.27	-20.00	16.00	-11.29	-7.10	-2.21	2.72	7.61

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F.E.D RACE											
A M	ELEM B	18	-2.17	6.10	-13.00	14.50	-9.70	-7.00	-1.50	0.75	3.30
A M	ELEM W	153	-0.95	9.19	-22.00	35.00	-10.71	-6.70	-1.76	3.59	11.14
A M	HS B	28	-1.20	7.51	-26.00	10.00	-9.15	-5.50	0.0	3.30	7.70
A M	HS W	208	-0.86	9.19	-33.00	31.00	-10.21	-6.96	-1.32	4.66	10.57
A M	COLL B	18	-1.31	7.07	-14.00	8.50	-11.10	-6.00	-0.75	3.75	8.50
A M	COLL W	327	-1.64	8.58	-29.00	28.50	-12.11	-6.71	-1.53	3.82	9.36
A M	D.K. B	16	-2.91	5.98	-14.00	4.50	-12.60	-7.50	-1.50	2.10	3.54
A M	D.K. W	32	-3.83	7.86	-23.00	15.50	-10.30	-6.50	-3.00	0.50	3.60
A F	ELEM B	33	-2.71	10.37	-26.00	21.00	-14.55	-7.35	-3.19	1.31	14.55
A F	ELEM W	133	1.10	6.84	-24.00	21.00	-7.26	-3.45	-1.76	5.57	9.28
A F	HS B	25	0.28	7.59	-18.00	13.50	-7.00	-3.96	-1.13	5.62	11.62
A F	HS W	168	-1.21	6.75	-20.00	16.00	-10.05	-5.13	-0.50	2.70	7.55
A F	COLL B	15	-2.60	8.44	-12.00	17.50	-11.25	-9.19	-1.13	1.87	9.00
A F	COLL W	354	-1.16	7.22	-23.50	22.00	-10.71	-5.84	-0.89	3.29	7.85
A F	D.K. B	12	0.88	5.05	-10.50	8.00	-4.30	-2.50	0.50	3.50	8.00
A F	D.K. W	48	-0.78	7.61	-15.00	21.00	-9.30	-6.00	-0.50	3.75	9.90
N M	ELEM B	52	-2.15	9.02	-26.50	18.50	-14.10	-7.50	-0.50	4.00	8.85
N M	ELEM W	222	-0.61	10.12	-34.00	32.00	-12.60	-6.61	-0.24	5.29	11.10
N M	HS B	41	0.84	8.44	-22.00	15.50	-9.40	-3.42	0.75	6.75	12.40
N M	HS W	159	0.93	9.95	-28.50	31.50	-11.53	-4.30	0.36	5.15	13.65
N M	COLL B	21	-2.21	8.53	-20.50	11.50	-12.40	-8.63	-2.25	4.31	7.40
N M	COLL W	117	-0.55	8.73	-21.00	21.50	-11.74	-6.05	-0.53	5.19	9.76
N M	D.K. B	40	0.76	8.77	-21.50	16.00	-12.00	-3.90	1.50	6.50	12.00
N M	D.K. W	73	0.98	9.81	-23.00	32.50	-10.40	-5.25	0.15	8.37	12.73
N F	ELEM B	77	-0.59	7.30	-14.00	20.00	-10.99	-5.38	-0.18	4.75	8.60
N F	ELEM W	287	-0.64	7.39	-22.50	24.00	-9.92	-5.65	-0.74	3.87	8.87
N F	HS B	52	-2.60	7.37	-19.00	16.00	-12.90	-6.64	-2.32	1.23	5.70
N F	HS W	200	-0.29	9.05	-22.00	28.00	-11.00	-6.47	-0.66	5.64	10.93
N F	COLL B	19	-4.47	5.65	-14.00	4.00	-10.80	-8.85	-4.13	0.37	3.07
N F	COLL W	153	-0.27	9.65	-36.50	30.00	-10.14	-6.16	-0.81	5.06	11.52
N F	D.K. B	49	0.86	7.55	-17.00	27.00	-7.65	-3.96	0.67	5.91	9.36
N F	D.K. W	78	-2.07	7.60	-21.00	18.50	-12.15	-6.27	-1.32	2.45	7.60
TOTAL		3228	-0.77	8.45	-36.50	35.00	-10.83	-6.00	-0.74	4.16	9.59

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 58

STEP READING, 0 ORDER TREND

***** ANALYSIS OF					VARIANCE TABLE *****		PROBABILITY	
1							OF LARGER F	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	MEAN	246606293.5625	3227					
	ERROR	245836465.2158	1	245836465.2158	1030507.4375		0.0000	
		769828.3467	3226	238.5586				
CUR	SEX	104475.7040	1	104475.7040	667.9399		0.0000	
	F-ED	30074.5493	1	30074.5493	192.2743		0.0000	
	RACE	12678.8120	3	4226.2707	27.0196		0.0000	
	ERROR	51365.2240	1	51365.2240	328.3909		0.0000	
		503811.8225	3220	156.4148				
CS	CF	61.7843	1	61.7843	0.3977		0.5283	
	CR	1757.6861	3	585.8954	3.7714		0.0104	
	SF	400.5209	1	400.5209	2.5781		0.1086	
	SR	1674.1729	3	558.0576	3.5922		0.0132	
	FR	755.0605	1	755.0605	4.8603		0.0276	
	ERROR	311.3873	3	103.7958	0.6681		0.5713	
		498526.3326	3208	155.3526				
CSF	CSR	561.5268	3	187.1756	1.2057		0.3061	
	CFR	752.2176	1	752.2176	4.8455		0.0278	
	SFR	330.0283	3	110.0094	0.7086		0.5464	
	ERROR	322.9733	3	107.6578	0.6935		0.5557	
		496612.3013	3198	155.2399				
CSFR	ERROR	164.3560	3	54.7853	0.3527		0.7870	
		496447.9453	3195	155.3342				

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP READING, 1ST ORDER TREND

TABLE 69

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****			
		1							
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY		
TOTAL		2427529.9285	3227						
MEAN		2144451.5226	1	2144451.5226	24446.0234	0.0000	A academic B black		
ERROR		283078.4058	3226	87.7219			BEQ Background and Experience Questionnaire		
CUR		3542.7935	1	3542.7935	41.0815	0.0000	COLL college		
SEX		392.9990	1	392.9990	4.5571	0.0331	CF curriculum-father's		
F.ED		351.4933	3	117.1644	1.3586	0.2536	education interaction		
RACE		81.4232	1	81.4232	0.9442	0.3315	CR curriculum-race		
ERROR		277772.7167	3220	86.2381			interaction		
CS		630.0604	1	630.0604	7.3760	0.0066	CS curriculum-sex		
CF		782.4113	3	260.8038	3.0532	0.0274	interaction		
CR		125.9780	1	125.9780	1.4748	0.2250	CUR curriculum		
SF		1155.6244	3	385.2081	4.5095	0.0037	J.K. respondent did not know		
SR		52.1117	1	52.1117	0.6101	0.4350	ELEM elementary school		
FR		768.2778	3	256.0926	2.9980	0.0296	F female		
ERROR		274115.4744	3208	85.4209			F.ED father's education		
CSF		112.7023	3	37.5674	0.4405	0.7238	HS high school		
CSR		1.5738	1	1.5738	0.0185	0.8920	M male		
CFR		795.3471	3	265.1157	3.1085	0.0255	MAX maximum		
SFR		410.1432	3	136.7144	1.6030	0.1866	MIN minimum		
ERROR		272832.6073	3198	85.2869			N (when in "curriculum"		
CSFR		98.0001	3	32.6667	0.3828	0.7654	column) non-academic		
ERROR		272734.6072	3195	85.3363			N number of cases		
							NDF number of degrees of		
							freedom		
							SCAT School and College		
							Ability Tests		
							S.D. standard deviation		
							STEP Sequential Tests of		
							Educational Progress		
							TGI Test of General		
							Information		
							W white		
							* no valid statistic		
							(N < 5)		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP READING, 2ND ORDER TREND

TABLE 70

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	232.29.2500	3227			
MEAN	1913.7859	1	1913.7859	26.8261	0.0001
ERROR	230215.4641	3226	71.3404		
CUR	245.1259	1	245.1259	3.4398	0.0639
SEX	0.0563	1	0.0563	0.0008	0.9776
F.ED	223.9130	3	74.6377	1.0474	0.3704
RACE	162.5335	1	162.5335	2.2808	0.1312
ERROR	229534.1753	3226	71.2618		
CS	391.5721	1	391.5721	5.5095	0.0190
CF	336.3563	3	112.1188	1.5775	0.1927
CR	3.1782	1	3.1782	0.0447	0.8326
SF	386.2173	3	128.7391	1.8114	0.1429
SR	0.0658	1	0.0658	0.0009	0.9757
FR	424.1602	3	141.3867	1.9893	0.1134
ERROR	228069.7256	3208	71.0719		
CSF	351.6876	3	117.2292	1.6506	0.1756
CSR	2.2907	1	2.2907	0.0323	0.8575
CFR	318.2137	3	106.0712	1.4935	0.2143
SFR	203.4626	3	67.8209	0.9549	0.4130
ERROR	227198.9307	3198	71.0219		
CSFR	262.5410	3	87.5137	1.2325	0.2963
ERROR	226936.3896	3195	71.0064		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 4B, GRADE 5, 1961

TABLE 71

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1832	256.27	11.42	226.00	292.00	240.84	247.84	256.29	263.47	269.99
NON-ACADEMIC		1827	246.61	9.93	226.00	288.00	233.52	239.12	245.40	252.71	259.57
MALES		1721	251.63	12.68	226.00	292.00	234.83	241.65	250.46	260.46	267.92
FEMALES		1938	251.28	10.83	226.00	292.00	236.88	243.18	250.58	258.38	264.78
ELEM F-ED.		1050	248.74	10.22	226.00	288.00	235.57	241.42	247.56	254.76	261.63
HS F-ED.		961	250.86	11.53	226.00	292.00	235.34	242.25	249.95	258.76	265.10
COLL F-ED.		1231	255.92	11.71	226.00	292.00	239.41	247.03	256.05	263.41	270.14
D.K.F-ED.		417	246.42	11.47	226.00	288.00	231.61	237.41	244.70	253.12	261.74
BLACK		582	241.94	8.30	226.00	271.00	230.68	235.26	241.19	246.70	252.62
WHITE		3077	253.24	11.42	226.00	292.00	238.18	244.45	252.59	260.66	267.43
NOT IN SAMPLE		5092	246.97	11.98	226.00	300.00	231.92	237.00	245.08	254.63	262.57

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	241.06	7.53	229.00	229.60	234.67	240.67	246.67	250.40
A	M	ELEM	W	160	254.20	12.18	231.00	238.57	244.18	253.11	262.00	269.50
A	M	HS	B	30	245.50	9.76	227.00	232.00	239.00	243.71	251.00	260.40
A	M	HS	W	228	257.07	11.37	230.00	241.27	249.06	257.84	264.34	271.29
A	M	COLL	B	20	247.85	9.04	230.00	238.00	241.00	247.00	252.67	258.00
A	M	COLL	W	396	259.81	11.84	228.00	242.84	251.94	260.40	266.56	274.38
A	M	D.K.	B	16	240.44	8.94	228.00	229.20	232.67	240.00	246.00	249.20
A	M	D.K.	W	38	256.63	10.89	239.00	242.64	247.20	256.00	264.57	268.56
A	F	ELEM	B	36	246.75	6.97	229.00	236.13	243.20	247.33	252.00	254.53
A	F	ELEM	W	146	254.38	10.10	230.00	241.20	247.24	253.83	261.05	266.27
A	F	HS	B	27	245.00	11.28	226.00	230.70	234.75	246.40	252.25	258.60
A	F	HS	W	187	256.06	10.27	226.00	242.77	249.05	256.15	261.70	267.56
A	F	COLL	B	15	247.27	8.09	234.00	238.67	241.67	245.50	254.50	259.00
A	F	COLL	W	446	258.67	9.60	232.00	245.05	251.93	257.90	264.42	270.24
A	F	D.K.	B	13	246.00	10.94	230.00	231.20	240.50	244.50	249.50	260.80
A	F	D.K.	W	56	254.54	9.74	228.00	243.07	248.67	254.00	260.00	266.53
A	M	ELEM	B	54	242.28	7.79	226.00	231.12	236.25	242.62	247.00	251.20
A	M	ELEM	W	240	246.54	10.06	226.00	232.95	238.97	246.00	252.87	259.14
A	M	HS	B	50	241.54	7.84	226.00	230.89	234.40	241.20	246.33	252.00
A	M	HS	W	171	247.72	10.59	226.00	234.56	239.59	245.94	254.07	260.91
A	M	COLL	B	21	241.05	8.14	231.00	231.40	233.50	239.20	245.50	252.53
A	M	COLL	W	141	250.86	11.18	226.00	236.27	242.05	249.88	258.65	264.76
A	M	D.K.	B	52	237.21	7.43	226.00	227.26	231.20	235.60	240.00	245.80
A	M	D.K.	W	86	246.13	11.47	226.00	232.30	237.80	244.00	253.60	260.40
A	F	ELEM	B	87	241.44	6.29	226.00	238.54	242.94	247.86	253.81	259.43
A	F	ELEM	W	309	248.82	7.89	229.00	230.34	234.67	239.60	246.00	250.80
A	F	HS	B	56	241.16	8.11	226.00	235.91	242.00	247.55	254.16	260.08
A	F	HS	W	212	248.38	9.38	226.00	228.40	234.75	237.50	242.50	245.80
A	F	COLL	B	22	238.86	7.44	226.00	235.75	242.09	249.23	256.71	262.00
A	F	COLL	W	170	249.57	9.88	226.00	230.55	234.08	239.29	244.08	247.56
A	F	O.K.	B	65	239.57	6.78	226.00	235.20	242.17	247.57	253.17	260.95
A	F	O.K.	W	91	248.71	10.23	228.00	235.81	242.54	250.53	259.32	265.95
TOTAL		3659	251.45	11.74	226.00	292.00	235.81	242.54	250.53	259.32	265.95	

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TOI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 38, GRADE 7, 1963

TABLE 72

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1802	267.58	13.82	234.00	318.00	250.57	257.41	265.64	275.49	285.57
NON-ACADEMIC		1788	255.60	10.21	234.00	298.00	242.73	248.22	254.45	261.30	267.56
MALES		1689	261.69	14.17	234.00	318.00	244.63	251.18	259.60	269.22	280.97
FEMALES		1901	261.54	12.97	234.00	314.00	245.89	252.45	259.60	267.84	278.88
ELEM F-ED.		1020	257.97	11.51	234.00	304.00	244.16	249.73	256.12	263.91	273.02
HS F-ED.		937	260.41	12.84	234.00	314.00	245.04	251.66	258.37	266.73	277.14
COLL F-ED.		1224	267.35	13.97	234.00	318.00	250.12	256.94	265.45	275.34	285.64
D.K.-F-ED.		409	256.25	12.50	234.00	298.00	241.32	247.02	254.07	261.97	272.77
BLACK		565	251.73	9.04	234.00	304.00	240.51	245.29	250.75	256.49	262.15
WHITE		3025	263.46	13.45	234.00	318.00	247.07	253.66	261.64	271.21	281.52
NOT IN SAMPLE		4414	256.40	13.22	234.00	318.00	240.49	246.46	254.08	263.46	274.22
CURRICULUM-LEVEL											
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
ICUR SEX F-ED RACE							10	25	50	75	90
A	ELEM B	18	251.33	10.28	234.00	266.00	234.40	243.00	251.00	258.50	264.40
A	ELEM W	155	263.53	14.06	235.00	304.00	245.56	253.06	262.78	271.57	283.10
A	MS 8	29	256.14	11.42	242.00	284.00	243.87	246.83	255.33	261.00	276.20
A	MS W	222	266.77	13.79	235.00	307.00	249.77	257.00	265.03	275.21	284.90
A	COLL 8	20	257.35	11.18	241.00	276.00	242.67	248.00	256.00	264.00	273.33
A	COLL W	391	272.31	14.08	236.00	318.00	254.90	261.73	270.68	281.09	290.07
A	D.K. 8	16	253.31	8.21	239.00	270.00	239.20	248.00	253.33	256.00	265.60
A	D.K. W	38	267.42	12.42	247.00	295.00	251.60	258.50	265.14	277.00	285.20
A	F ELEM 8	36	256.78	9.18	236.00	276.00	244.80	251.00	255.56	262.22	265.87
A	F ELEM W	136	264.59	12.41	236.00	304.00	249.67	254.95	262.24	273.60	281.36
A	F HS 8	27	256.22	12.42	241.00	304.00	244.47	247.17	253.43	261.00	267.30
A	F HS W	181	268.09	12.27	241.00	314.00	253.30	258.20	265.72	275.41	282.80
A	F COLL 8	15	258.87	12.41	241.00	290.00	246.00	251.50	255.50	262.50	278.00
A	F COLL W	446	270.69	12.37	237.00	314.00	255.78	261.90	268.19	277.43	286.07
A	F D.K. 8	13	254.92	10.78	240.00	280.00	244.40	247.00	252.50	255.75	270.80
A	F D.K. W	55	266.60	13.85	234.00	298.00	251.00	257.67	264.33	273.50	286.00
N	ELEM B	54	251.78	6.85	237.00	270.00	241.70	246.33	252.00	256.18	259.13
N	ELEM W	234	255.54	9.74	234.00	284.00	242.58	248.20	254.73	262.23	267.50
N	MS 8	47	249.96	8.22	234.00	276.00	238.27	243.83	249.80	255.57	259.60
N	MS W	165	255.68	9.81	234.00	298.00	243.35	248.22	254.48	262.79	267.01
N	COLL B	19	251.37	8.74	234.00	266.00	239.60	245.40	249.50	258.25	262.20
N	COLL W	140	260.22	11.75	234.00	295.00	245.33	252.00	258.44	266.67	276.44
N	D.K. 8	48	248.29	7.65	237.00	271.00	238.40	242.29	246.77	252.80	258.56
N	D.K. W	85	254.22	9.91	235.00	290.00	243.00	246.72	252.75	259.69	266.00
N	F ELEM B	84	250.30	7.00	234.00	267.00	240.96	244.95	249.67	255.11	259.44
N	F ELEM W	259	257.73	9.95	234.00	292.00	245.47	250.64	256.30	262.93	269.20
N	F HS 8	53	250.92	7.15	234.00	262.00	240.40	246.33	250.92	255.90	260.47
N	F HS W	209	256.70	9.37	234.00	286.00	243.96	251.14	255.65	262.19	267.64
N	F COLL B	22	249.51	8.93	236.00	284.00	240.80	245.43	248.57	251.71	254.80
N	F COLL W	171	259.09	10.44	234.00	290.00	246.03	252.76	257.58	263.77	273.73
N	F D.K. 8	64	247.77	6.86	234.00	261.00	237.12	242.18	248.00	251.76	256.91
N	F D.K. W	90	258.10	11.73	236.00	292.00	245.20	250.17	255.40	262.73	273.60
TOTAL		3550	261.61	13.55	234.00	318.00	245.24	252.01	259.60	268.43	279.78

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 73

STEP SOCIAL STUDIES, FORM 3A, GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC											
A	ACADEMIC	1660	279.07	14.12	234.00	314.00	259.90	268.77	278.85	289.16	296.95
NON-ACADEMIC											
A	NON-ACADEMIC	1757	264.96	13.04	234.00	311.00	248.09	255.60	263.78	272.90	282.60
MALES											
A	MALES	1609	272.39	16.08	234.00	314.00	251.33	260.13	271.01	284.66	293.59
FEMALES											
A	FEMALES	1808	271.30	14.54	234.00	314.00	252.73	260.34	270.16	281.10	290.60
ELEM F.ED.											
A	ELEM F.ED.	1040	268.18	13.69	234.00	314.00	251.03	258.07	266.93	276.90	286.62
HS F.ED.											
A	HS F.ED.	917	270.81	14.56	234.00	314.00	252.46	259.64	269.53	281.26	290.03
COLL F.ED.											
A	COLL F.ED.	1061	278.70	14.90	234.00	314.00	259.07	267.64	278.33	289.51	297.74
D.K.F.ED.											
A	D.K.F.ED.	399	265.28	15.28	234.00	311.00	245.04	253.86	263.54	274.59	286.60
BLACK											
A	BLACK	570	259.35	11.21	234.00	301.00	244.43	251.57	257.68	265.90	273.26
WHITE											
A	WHITE	2847	274.31	14.78	234.00	314.00	255.33	263.35	273.11	284.82	293.43
NOT IN SAMPLE											
A	NOT IN SAMPLE	4699	264.83	15.62	234.00	326.00	244.73	252.88	262.97	274.10	286.65
CLASSIFICATION											
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
							10	25	50	75	90
A	H ELEM B	18	263.28	10.76	237.00	284.00	254.53	256.33	263.33	269.33	274.80
A	M ELEM W	160	276.19	14.63	235.00	314.00	257.50	264.60	274.00	286.33	293.71
A	M HS B	28	264.04	12.83	242.00	287.00	247.60	254.00	262.80	272.67	282.80
A	M HS W	215	278.81	13.49	235.00	311.00	261.09	268.58	277.90	288.57	295.80
A	M COLL B	19	268.68	12.44	248.00	298.00	255.20	259.50	265.50	275.67	286.40
A	M COLL W	341	284.86	13.51	248.00	311.00	265.23	274.89	286.06	294.58	300.78
A	M D.K. B	15	261.87	10.90	241.00	280.00	247.00	253.00	261.00	270.33	273.33
A	M D.K. W	36	281.14	11.29	251.00	298.00	267.07	271.00	282.80	288.86	295.60
A	F ELEM B	37	266.51	9.22	240.00	285.00	254.70	260.25	267.25	272.14	278.40
A	F ELEM W	144	275.93	13.16	243.00	311.00	256.70	267.40	274.00	285.56	292.53
A	F HS B	27	263.67	14.04	235.00	301.00	248.80	255.40	260.33	269.00	283.20
A	F HS W	175	278.78	12.31	252.00	314.00	260.83	270.28	278.86	286.75	293.88
A	F COLL B	14	270.21	11.12	254.00	291.00	255.60	262.67	268.00	273.33	291.00
A	F COLL W	365	282.67	12.16	249.00	314.00	266.67	273.63	281.62	290.47	298.40
A	F D.K. B	13	265.77	13.41	242.00	291.00	247.20	259.00	261.60	275.50	280.80
A	F D.K. W	53	278.85	14.92	234.00	311.00	262.30	268.43	277.00	288.33	297.40
M	M ELEM B	55	258.98	10.90	236.00	287.00	244.00	250.88	258.25	266.25	273.00
M	M ELEM W	238	265.75	12.79	234.00	299.00	248.71	256.75	265.00	274.48	282.80
M	M HS B	49	257.61	10.52	239.00	289.00	243.80	250.14	256.20	264.33	270.13
M	M HS W	163	266.66	13.97	236.00	299.00	249.53	256.94	264.38	276.08	286.47
M	M COLL B	21	259.00	12.10	241.00	295.00	243.47	251.00	256.00	265.67	269.87
M	M COLL W	121	271.76	14.31	234.00	311.00	254.55	263.11	270.56	282.47	288.80
M	M D.K. B	49	255.84	10.07	236.00	286.00	242.90	248.43	253.45	260.50	268.20
M	M D.K. W	81	262.72	14.80	234.00	302.00	240.80	252.17	262.60	269.62	283.20
F	F ELEM B	84	256.30	8.99	237.00	281.00	242.53	250.89	255.65	261.67	267.49
F	F ELEM W	304	267.62	11.70	234.00	302.00	253.39	259.12	266.36	275.29	283.23
F	F HS B	55	257.58	9.70	234.00	282.00	244.00	251.00	257.09	264.43	269.14
F	F HS W	205	267.48	11.42	236.00	305.00	253.33	259.32	266.52	275.00	281.88
F	F COLL B	22	256.18	9.51	239.00	278.00	243.60	250.33	254.00	261.33	265.73
F	F COLL W	158	269.24	12.59	241.00	302.00	252.17	261.44	268.22	276.00	286.13
F	F D.K. B	64	254.30	8.56	234.00	276.00	240.72	249.00	254.50	258.89	264.60
F	F D.K. W	88	266.74	12.77	236.00	296.00	249.73	258.36	266.33	274.00	282.27
TOTAL		3417	271.81	15.30	234.00	314.00	252.11	260.25	270.53	282.78	292.22

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 2B, GRADE 11, 1967

TABLE 74

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1806	285.85	14.06	247.00	326.00	266.79	276.17	286.16	295.11	303.66
NON-ACADEMIC		1763	270.14	12.11	247.00	319.00	255.07	260.95	268.80	277.83	286.64
MALES		1670	279.27	16.03	247.00	325.00	250.36	266.26	278.04	291.31	299.91
FEMALES		1899	277.05	14.56	247.00	326.00	257.91	265.74	276.29	287.17	295.64
ELEM F.ED.		1025	273.21	13.37	247.00	325.00	256.64	262.95	271.86	281.39	291.77
HS F.ED.		940	277.33	14.65	247.00	326.00	258.51	265.70	276.56	287.48	295.75
COLL F.ED.		1217	285.10	14.78	247.00	323.00	264.47	274.30	285.80	295.15	303.71
C.K.F.ED.		387	270.81	14.40	247.00	319.00	253.24	259.23	268.31	279.56	290.59
BLACK		544	265.93	11.42	247.00	326.00	250.67	257.68	264.21	272.32	279.66
WHITE		3025	280.27	14.88	247.00	325.00	260.37	268.89	279.22	291.26	299.09
NOT IN SAMPLE		3582	273.77	14.75	247.00	323.00	255.32	262.20	271.91	283.16	294.35

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F-EO RACE							10	25	50	75	90		
A	M	ELEM	8	17	269.71	13.08	248.00	290.00	250.00	260.50	269.00	279.50	288.60
A	M	ELEM	W	154	281.34	15.90	247.00	325.00	259.52	269.64	281.60	292.93	302.06
A	M	HS	B	28	272.75	15.59	248.00	299.00	249.40	260.00	275.00	284.00	294.40
A	M	HS	W	223	287.39	13.14	248.00	324.00	271.15	277.67	287.26	295.53	304.77
A	M	COLL	B	19	274.47	12.36	255.00	294.00	259.60	263.67	276.40	281.00	293.47
A	M	COLL	W	395	291.99	13.04	255.00	323.00	273.58	284.07	292.73	299.86	307.82
A	M	D.K.	B	16	269.88	9.49	251.00	290.00	257.20	264.00	269.60	276.00	279.20
A	M	D.K.	W	37	285.78	12.11	264.00	312.00	268.93	275.25	286.00	293.75	299.30
A	F	ELEM	B	37	272.70	9.24	254.00	298.00	258.80	268.45	271.82	278.37	282.30
A	F	ELEM	W	145	281.74	13.35	251.00	316.00	259.83	272.90	282.09	291.91	296.75
A	F	HS	B	25	273.76	14.97	254.00	326.00	258.00	264.17	269.00	278.75	289.00
A	F	HS	W	186	284.25	12.05	254.00	314.00	266.93	275.85	284.77	293.00	299.05
A	F	COLL	B	15	274.53	12.87	252.00	309.00	261.00	269.00	273.50	277.67	286.00
A	F	COLL	W	443	288.51	11.88	255.00	319.00	272.44	279.06	288.51	295.76	303.43
A	F	D.K.	B	13	276.15	14.87	252.00	311.00	257.20	269.00	276.50	279.75	290.80
A	F	D.K.	W	53	282.89	14.93	247.00	319.00	264.30	273.00	282.57	291.00	303.40
N	M	ELEM	B	54	264.87	9.25	247.00	286.00	251.40	258.25	264.40	270.57	277.60
N	M	ELEM	W	231	270.77	11.19	248.00	307.00	257.20	261.97	269.64	278.03	285.84
N	M	HS	B	43	264.33	10.23	248.00	290.00	250.30	257.50	262.57	270.17	277.40
N	M	HS	W	169	271.85	12.28	248.00	317.00	257.66	262.19	269.93	278.94	289.40
N	M	COLL	B	20	265.40	8.92	247.00	282.00	252.00	260.67	264.00	270.67	278.00
N	M	COLL	W	138	278.01	13.26	251.00	319.00	260.80	267.45	277.39	287.23	295.47
N	M	D.K.	B	45	261.22	9.72	249.00	295.00	250.00	253.63	258.89	265.57	275.00
N	M	D.K.	W	81	268.14	12.36	247.00	302.00	252.63	258.27	266.89	277.10	285.93
N	F	ELEM	B	82	261.93	9.21	247.00	284.00	250.00	255.14	261.33	267.00	274.40
N	F	ELEM	W	305	271.66	10.81	247.00	302.00	257.55	263.58	271.45	278.03	286.31
N	F	HS	B	55	262.42	9.04	247.00	289.00	249.75	256.50	262.43	268.17	274.00
N	F	HS	W	211	272.55	11.66	247.00	305.00	256.77	263.13	272.38	279.90	286.51
N	F	COLL	B	20	261.60	8.35	248.00	283.00	250.00	256.80	261.00	265.60	268.00
N	F	COLL	W	167	272.92	12.49	247.00	305.00	256.31	264.45	271.13	280.90	289.72
N	F	D.K.	B	55	261.65	7.66	248.00	288.00	251.33	256.21	260.18	266.17	271.14
N	F	D.K.	W	87	269.68	12.58	247.00	302.00	254.47	260.25	267.82	277.25	288.30
TOTAL		3569	278.09	15.30	247.00	326.00	258.13	265.96	277.08	289.15	297.60		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP SOCIAL STUDIES, FORM 4B, GRADE 5, 1961

TABLE 7D

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL MEAN		231844417.0000	3658			
ERROR		231340353.3470	1	231340353.3470	1678840.0000	0.0000
		504063.6530	3657	137.7977		
CUR		46059.7507	1	46059.7507	454.0125	0.0000
SEX		25.7912	1	25.7912	0.2542	0.6144
F-ED		7304.7114	3	2434.9038	24.0009	0.0000
RACE		34055.2838	1	34055.2838	335.6841	0.0000
ERROR		370496.5523	3651	101.4504		
CS		138.0611	1	138.0611	1.3741	0.2412
CF		849.0414	3	283.0138	2.8169	0.0379
CR		1156.4764	1	1156.4764	11.5105	0.0008
SF		867.3156	3	289.1052	2.8775	0.0348
SR		0.1849	1	0.1849	0.0018	0.9658
FR		734.8780	3	244.9593	2.4381	0.0628
ERROR		365716.0785	3639	100.4715		
CSF		253.1801	3	84.3934	0.8398	0.4718
CSR		561.8022	1	561.8022	5.5906	0.0182
CFR		130.3756	3	43.4599	0.4325	0.7298
SFR		135.1389	3	45.0463	0.4483	0.7184
ERROR		364782.5114	3629	100.4911		
CSFR		281.0278	3	93.6759	0.9321	0.4241
ERROR		364501.4836	3626	100.4968		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 38, GRADE 7, 1963

TABLE 76

DEPENDENT VARIABLE
***** ANALYSIS OF VARIANCE TABLE *****
1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	246357710.0000	3585			
MEAN	245698491.8864	1	245698491.8864	1337662.0000	0.0000
ERROR	659218.1136	3588	183.6775		
CUR	73061.1254	1	73061.1254	549.2988	0.0000
SEX	190.5781	1	190.5781	1.4328	0.2316
F-ED	14223.3004	3	4741.1001	35.6452	0.0000
RACE	31137.3594	1	31137.3594	234.1015	0.0000
ERROR	476567.1339	3582	133.0079		
CS	17.7631	1	17.7631	0.1353	0.7131
CF	2342.3520	3	780.7840	5.9467	0.0006
CR	1912.8514	1	1912.8514	14.5690	0.0003
SF	1390.4693	3	463.4898	3.5301	0.0143
SR	89.8975	1	89.8975	0.6847	0.4083
FR	855.4884	3	285.1628	2.1719	0.0893
ERROR	468857.4822	3570	131.2959		
CSF	208.5508	3	69.5169	0.5288	0.6622
CSR	376.5211	1	376.5211	2.8643	0.0909
CFR	41.3158	3	13.7719	0.1048	0.9573
SFR	96.4218	3	32.1406	0.2445	0.8650
ERROR	468104.2135	3560	131.4531		
CSFR	359.2944	3	119.7648	0.9110	0.4347
ERROR	467744.9152	3557	131.4629		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
N	number of degrees of freedom
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 3A, GRADE 9, 1965

TABLE 77

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F
1									
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL		253252274.0000	3416						
MEAN		252452683.3039	1	252452683.3039	1078524.0000				0.0000
ERROR		799990.6561	3415	234.0723					
CUR		96650.4158	1	96650.4198	604.9087				0.0000
SEX		32.0895	1	32.0895	0.2008				0.6541
F-ED		16734.0558	3	5578.0199	34.9.13				0.0000
RACE		56354.3063	1	56354.3063	352.7063				0.0000
ERROR		544838.7184	3409	159.7768					
CS		67.7966	1	67.7966	0.4277				0.5134
CC		2061.2366	3	687.0789	4.3346				0.0047
CR		1162.9549	1	1162.9549	7.3368				0.0068
SF		1319.0184	3	439.6728	2.7738				0.0400
SR		160.6503	1	160.6903	1.0138				0.3141
FR		594.0832	3	198.0277	1.2493				0.2903
ERROR		538617.7244	3397	158.5103					
CSF		337.8182	3	112.6061	0.7104				0.5456
CSR		706.5769	1	706.9769	4.4599				0.0348
CFR		427.5803	3	142.5268	0.8991				0.4406
SFR		115.1650	3	39.7217	0.2506				0.8610
ERROR		537057.7511	3387	158.5177					
CSFR		401.5167	3	133.9722	0.8450				0.4689
ERROR		536655.8343	3384	158.5395					

KEY	
A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

STEP SOCIAL STUDIES, FORM 2B, GRADE 11, 1967

TABLE 7

DEPENDENT VARIABLE
***** ANALYSIS OF VARIANCE TABLE *****
1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	276836650.0000	3568			
MEAN	276000753.5440	1	276000753.5440	1178044.0000	0.0000
ERROR	835936.4560	3567	234.2872		
SEX	128286.4419	1	128286.4419	848.8054	0.0000
RACE	1706.1010	1	1706.1010	11.2884	0.0008
F.ED	20807.9076	3	6935.9692	45.8917	0.0000
CS	42576.0257	1	42576.0257	281.7036	0.0000
CF	538352.0536	3561	151.1376		
CR	17.0630	1	17.0630	0.1143	0.7353
SF	2450.0528	3	830.0309	5.5610	0.0010
SR	913.6857	1	913.6857	6.1214	0.0135
FR	2354.0058	3	798.0033	5.3464	0.0012
CSF	0.7082	1	0.7082	0.0047	0.9451
CSR	1053.4476	3	364.4825	2.4419	0.0625
CFR	529874.5781	3549	149.2605		
SFR	861.5072	3	287.1691	1.9259	0.1232
CSFR	932.3047	1	932.3047	6.2525	0.0125
ERROR	32.9137	3	10.9712	0.0736	0.9741
	233.0558	3	77.6853	0.5210	0.6675
	527645.0886	3535	149.1100		
CSFR	140.9617	3	46.9872	0.3149	0.8143
ERROR	527708.1269	3536	149.1966		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TCI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 79

STEP SOCIAL STUDIES, 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
	ACADEMIC	1586	271.83	12.02	237.25	306.25	255.89	263.31	271.55	280.45	287.66
	NON-ACADEMIC	1652	259.41	9.70	237.25	295.25	247.10	252.29	258.30	265.66	272.61
	MALES	1522	266.02	13.24	237.25	306.25	249.12	255.44	264.82	275.11	283.99
	FEMALES	1716	265.03	11.87	237.25	302.00	249.84	256.07	263.96	272.96	281.54
	ELEM F.ED.	977	262.05	10.88	238.00	300.75	248.80	253.86	260.73	268.79	276.85
	HS F.ED.	874	264.75	11.81	238.75	300.25	249.72	255.72	263.86	272.60	280.95
	COLL F.ED.	1025	271.33	12.56	240.50	306.25	254.35	261.85	271.28	280.43	287.85
	D.K.F.ED.	362	260.05	12.07	237.25	296.75	245.48	250.91	258.05	267.14	276.65
	BLACK	514	254.89	8.64	238.75	300.00	244.61	248.39	253.77	259.75	265.44
	WHITE	2724	267.50	12.15	237.25	306.25	252.18	258.23	266.53	275.72	283.90
	NOT IN SAMPLE	257	259.12	12.46	238.75	297.25	244.11	249.47	257.23	267.05	277.47

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.ED RACE						10	25	50	75	90
A	M ELEM B	17	256.78	8.28	238.75	269.75	245.40	252.83	255.67	264.75	267.30
A	M ELEM W	150	268.79	12.97	239.50	300.75	252.00	258.92	268.62	278.11	286.00
A	M HS B	26	258.95	11.15	243.50	282.50	246.13	250.00	258.00	266.00	274.80
A	M HS W	205	272.23	11.23	239.25	300.25	258.60	264.03	271.30	280.42	287.75
A	M COLL B	18	262.31	10.28	247.25	282.50	247.50	255.00	261.33	270.00	276.80
A	M COLL W	330	276.81	11.69	246.75	306.25	260.64	268.73	276.94	285.44	292.19
A	M D.K. B	15	256.17	7.90	243.75	266.75	243.75	251.00	257.00	263.00	266.00
A	M D.K. W	35	272.41	9.90	253.00	296.75	261.20	265.17	272.33	280.20	285.00
A	F ELEM B	131	269.19	7.25	241.75	295.00	251.00	256.33	260.29	265.50	269.50
A	F ELEM W	25	259.81	12.36	245.50	295.00	252.63	261.93	269.00	276.82	283.63
A	F HS B	169	271.58	10.08	246.00	300.00	246.00	252.20	257.20	268.75	273.00
A	F COLL W	14	262.77	10.66	247.25	287.75	249.60	256.50	260.00	267.33	278.40
A	F COLL B	354	274.95	10.01	250.25	302.00	261.98	267.77	274.51	281.76	287.95
A	F D.K. W	13	260.71	10.77	242.50	282.25	249.20	253.67	259.00	263.67	278.80
A	F D.K. W	49	270.92	12.52	237.25	295.25	256.72	262.17	270.00	278.33	288.13
N	M ELEM B	52	254.58	7.09	242.25	269.50	245.10	249.33	254.25	259.00	265.44
N	M ELEM W	224	259.71	9.21	238.00	287.50	248.36	252.78	258.37	266.50	271.94
N	M HS B	40	253.43	7.63	241.00	270.50	244.00	246.67	253.20	259.00	264.00
N	M HS W	160	260.57	9.58	242.00	290.25	248.80	253.55	258.80	267.16	274.40
N	M COLL B	18	253.83	8.29	242.50	273.50	244.80	247.50	251.20	258.00	264.80
N	M COLL W	118	265.05	11.07	240.50	295.25	250.53	257.53	263.80	272.78	279.20
N	M D.K. B	39	251.01	7.58	240.75	274.50	242.60	245.36	249.43	255.00	262.20
N	M D.K. W	75	257.82	10.31	237.25	292.75	244.33	250.09	256.25	264.71	270.75
N	M D.K. W	78	252.47	6.12	239.50	266.75	244.65	248.43	251.83	256.18	260.69
N	F ELEM B	290	261.55	8.60	239.25	290.50	250.33	255.83	260.78	266.86	273.14
N	F HS B	51	253.25	7.00	238.75	269.75	243.10	248.33	253.29	257.86	262.60
N	F HS W	198	261.21	8.69	239.50	284.00	249.60	254.79	260.91	266.81	272.98
N	F COLL B	20	251.23	7.33	242.25	276.00	244.00	246.40	249.71	253.33	258.00
N	F COLL W	153	262.53	9.69	241.25	289.25	250.10	255.83	261.08	268.23	276.76
N	F D.K. B	53	250.97	5.69	240.00	266.50	244.10	246.75	250.53	254.38	257.80
N	F D.K. W	83	261.08	10.10	242.25	290.50	249.56	253.77	259.18	265.89	275.70
TOTAL		3238	265.49	12.54	237.25	306.25	249.53	255.76	264.33	274.01	282.84

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP SOCIAL STUDIES, 1ST ORDER TREND

TABLE 80

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1586	22.46	7.35	-3.13	47.63	13.53	17.36	22.50	27.32	31.81
NON-ACADEMIC		1652	17.76	7.23	-7.38	50.98	8.79	12.82	17.60	22.20	26.99
MALES		1522	20.72	8.10	-7.38	50.98	10.68	15.23	20.34	26.14	31.27
FEMALES		1716	19.48	7.19	-4.92	45.62	10.61	14.56	19.24	24.22	28.70
ELEM F.ED.		977	18.76	7.35	-4.25	50.54	9.90	13.71	18.35	23.26	28.52
HS F.ED.		874	19.89	7.87	-7.38	50.98	10.25	14.77	19.66	24.88	29.52
COLL F.ED.		1025	22.08	7.50	-4.92	47.63	12.48	17.08	22.34	27.06	31.39
D.K.F.ED.		362	18.28	7.12	-2.24	41.81	9.45	13.40	17.77	22.77	27.95
BLACK		514	17.58	6.49	-2.68	42.26	10.44	13.17	17.14	21.94	25.39
WHITE		2724	20.53	7.77	-7.38	50.98	10.70	15.36	20.27	25.61	30.55
NOT IN SAMPLE		257	19.50	7.51	0.45	50.09	10.76	14.25	18.95	24.33	28.93

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	17	21.40	10.26	-2.68	42.26	11.55	15.38	20.63	27.75	35.40
A	M ELEM W	150	21.38	8.08	-3.13	40.70	12.17	15.56	20.90	27.71	32.65
A	M HS B	26	18.98	7.60	2.24	34.88	6.90	14.25	20.10	24.37	27.30
A	M HS W	205	22.67	7.56	1.57	45.39	13.38	17.49	23.00	27.48	31.95
A	M COLL B	18	20.55	6.83	9.84	33.32	11.30	14.00	22.93	24.86	29.10
A	M COLL W	330	24.47	7.65	1.79	47.63	15.21	19.09	24.52	29.49	33.86
A	M D.K. B	15	20.33	6.09	10.96	36.22	12.75	17.06	19.88	22.75	25.00
A	M D.K. W	35	22.64	7.01	8.94	41.81	14.25	17.75	21.25	26.85	32.25
A	F ELEM B	35	19.47	6.58	8.72	34.88	11.75	14.25	19.69	23.44	29.62
A	F ELEM W	131	21.21	7.12	5.81	36.90	11.53	16.82	20.64	24.96	31.47
A	F HS B	25	20.87	6.18	11.85	37.57	13.00	16.63	20.25	24.87	28.00
A	F HS W	169	21.46	7.22	1.79	42.71	12.80	16.53	21.31	25.74	30.03
A	F COLL B	14	20.68	4.74	14.09	32.42	14.55	16.13	21.30	23.63	25.20
A	F COLL W	354	22.89	6.51	4.47	45.62	14.37	18.09	23.15	27.26	30.99
A	F D.K. B	13	22.65	6.82	7.60	32.87	16.80	18.75	23.63	27.75	31.05
A	F D.K. W	49	21.96	7.05	6.93	35.11	13.84	16.58	22.12	27.42	30.96
N	M ELEM B	52	16.83	5.30	3.58	26.83	11.06	12.44	16.75	20.70	24.90
N	M ELEM W	224	18.30	7.75	0.22	50.54	8.51	13.13	17.83	22.66	28.10
N	M HS B	40	16.27	6.14	1.34	35.33	9.00	12.30	15.90	20.10	24.00
N	M HS W	160	18.60	8.95	-7.38	50.98	7.20	13.00	18.39	23.56	30.00
N	M COLL B	18	17.76	5.70	8.05	28.85	9.30	14.00	18.50	21.25	26.10
N	M COLL W	118	20.41	7.40	1.34	37.12	10.43	15.86	20.67	25.14	30.30
N	M D.K. B	39	17.79	6.37	-2.01	34.44	11.74	14.03	17.14	21.62	24.96
N	M D.K. W	75	16.78	7.85	-2.24	36.22	7.91	10.90	15.55	22.05	28.25
N	F ELEM B	78	15.12	5.58	4.02	28.85	7.40	11.60	15.17	18.66	22.62
N	F ELEM W	290	17.75	6.57	-4.25	40.03	9.36	13.04	17.89	21.92	26.18
N	F HS B	51	15.49	6.18	0.45	29.74	7.60	11.80	15.00	19.65	23.95
N	F HS W	198	18.58	7.47	-1.34	42.71	9.35	13.56	18.67	22.87	27.94
N	F COLL B	20	16.66	5.25	7.38	26.16	10.50	13.93	16.07	20.50	24.00
N	F COLL W	153	17.86	7.59	-4.92	37.34	8.06	12.96	18.00	23.28	27.51
N	F D.K. B	53	16.50	5.84	5.81	38.91	9.48	12.38	16.09	19.21	23.52
N	F D.K. W	83	15.92	5.88	2.01	33.76	8.08	11.42	16.70	19.57	23.23
TOTAL		3238	20.06	7.65	-7.38	50.98	10.64	14.25	18.70	24.93	30.04

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 81

STEP SOCIAL STUDIES, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1586	-2.54	6.63	-27.50	20.50	-10.62	-6.64	-2.04	1.44	5.49	
NON-ACADEMIC		1652	-2.01	6.53	-25.50	29.50	-9.85	-5.90	-1.76	1.68	6.03	
MALES		1522	-1.94	6.81	-24.50	29.50	-10.19	-6.18	-1.69	1.87	6.49	
FEMALES		1716	-2.56	6.36	-27.50	25.50	-10.25	-6.35	-2.05	1.38	5.13	
ELEM F.ED.		977	-2.02	6.23	-25.00	20.50	-9.77	-5.90	-1.61	1.92	5.34	
HS F.ED.		874	-1.71	6.63	-27.50	29.50	-9.75	-5.80	-1.50	1.89	6.71	
COLL F.ED.		1025	-2.93	6.80	-25.50	20.50	-11.25	-7.04	-2.46	1.29	5.41	
D.K.F.ED.		362	-2.42	6.62	-24.50	20.00	-10.32	-6.17	-1.99	1.08	5.72	
BLACK		514	-1.70	5.58	-17.50	20.00	-8.71	-5.31	-1.46	1.34	5.67	
WHITE		2724	-2.38	6.75	-27.50	29.50	-10.47	-6.47	-1.98	1.62	5.80	
NOT IN SAMPLE		257	-2.68	6.04	-18.50	13.50	-10.55	-6.84	-2.19	1.09	4.76	
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
ICUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	17	-2.32	6.39	-15.50	-9.97	-8.06	-1.13	2.25	4.95
A	M	ELEM	W	150	-1.78	6.69	-18.50	-10.25	-5.86	-1.40	2.33	5.62
A	M	HS	B	26	-2.02	6.01	-14.00	-9.30	-6.00	-2.36	0.43	5.70
A	M	HS	W	205	-0.90	6.40	-18.50	-9.00	-5.06	-0.74	2.86	7.62
A	M	COLL	B	18	-1.94	6.02	-11.00	-8.10	-5.63	-1.50	0.43	5.10
A	M	COLL	W	330	-2.96	7.21	-23.50	-11.85	-7.67	-2.88	1.47	6.05
A	M	D.K.	B	15	-2.67	4.69	-11.50	-11.25	-5.25	-0.86	0.75	2.25
A	M	D.K.	W	35	-3.16	8.50	-24.50	-15.75	-7.75	-1.88	2.25	6.75
A	F	ELEM	B	35	-1.84	5.59	-12.50	-8.25	-4.65	-1.67	0.97	6.37
A	F	ELEM	W	131	-2.15	5.52	-25.00	-8.47	-5.57	-1.26	1.99	4.26
A	F	HS	B	25	-0.66	5.63	-10.00	-7.29	-5.68	-0.60	3.56	6.37
A	F	HS	W	169	-3.25	6.28	-27.50	-11.35	-7.72	-2.46	0.75	4.16
A	F	COLL	B	14	-4.25	5.33	-10.50	-9.45	-7.88	-4.50	-1.88	0.10
A	F	COLL	W	354	-3.23	6.72	-25.00	-11.94	-6.99	-2.43	1.17	4.41
A	F	D.K.	B	13	0.73	5.54	-7.00	-5.55	-3.25	-0.18	5.25	7.20
A	F	D.K.	W	49	-4.42	6.40	-16.50	-11.32	-8.94	-4.13	0.75	3.60
A	M	ELEM	B	52	-1.87	4.90	-13.00	-7.45	-5.32	-1.30	1.30	4.41
N	M	ELEM	W	224	-2.03	6.86	-24.50	-10.09	-6.38	-2.10	1.79	6.37
N	M	HS	B	40	-0.80	5.13	-11.00	-6.50	-3.90	-1.07	1.07	6.50
N	M	HS	W	160	-1.34	7.22	-19.00	-9.79	-6.17	-1.50	2.42	7.87
N	M	COLL	B	18	-2.22	4.73	-12.00	-9.30	-4.20	-1.50	0.75	3.30
N	M	COLL	W	118	-1.84	6.84	-22.50	-10.20	-5.53	-1.83	2.54	6.62
N	M	O.K.	B	39	-2.22	5.98	-14.00	-9.07	-5.25	-2.18	0.31	3.15
N	M	O.K.	W	75	-1.35	7.72	-23.50	-10.25	-5.34	-1.03	3.75	7.87
N	F	ELEM	B	78	-1.46	5.73	-17.50	-8.44	-5.31	-0.97	2.77	5.90
N	F	ELEM	W	290	-2.27	6.24	-21.50	-10.38	-6.10	-1.78	1.69	5.28
N	F	HS	B	51	-2.46	6.30	-17.50	-10.44	-6.58	-2.33	2.25	5.17
N	F	HS	W	198	-1.60	7.04	-24.00	-9.26	-5.55	-1.58	2.35	6.97
N	F	COLL	B	20	-2.00	4.51	-9.50	-8.50	-4.50	-2.36	0.75	4.50
N	F	COLL	W	153	-3.24	6.70	-25.50	-10.76	-7.33	-2.40	1.21	4.92
N	F	D.K.	B	53	-0.75	5.71	-14.00	-8.03	-4.13	-0.66	2.81	6.94
N	F	D.K.	W	83	-3.52	5.63	-18.00	-11.03	-6.31	-2.74	0.11	2.41
TOTAL		3238	-2.27	6.58	-27.50	29.50	-10.22	-6.27	-1.89	1.54	5.78	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP SOCIAL STUDIES, 0 URDER TREND

TABLE 82

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
1						
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL	228747414.0625	3237				
MEAN	228237881.9391	1	228237881.9391	1449968.0000	0.0000	
ERROR	509532.1234	3236	157.4088			
CUR	74281.1781	1	74281.1781	730.4832	0.0000	
SEX	11.1120	1	11.1120	0.1093	0.7411	
F.ED	11451.7692	3	3817.2564	37.5390	0.0000	
RACE	36970.7238	1	36970.7238	363.5710	0.0000	
ERROR	328552.7977	3230	101.6877			
CS	20.4735	1	20.4735	0.2040	0.6516	
CF	1578.9901	3	526.3300	5.2456	0.0014	
CR	1118.1173	1	1118.1173	11.1436	0.0010	
SF	1242.3048	3	414.1016	4.1271	0.0063	
SR	33.2817	1	33.2817	0.3317	0.5649	
FR	590.5204	3	196.8401	1.9618	0.1176	
ERROR	322985.0364	3218	100.3371			
CSF	252.6932	3	84.2311	0.8394	0.4719	
CSR	583.8819	1	583.8819	5.8189	0.0159	
CFR	123.6603	3	41.2201	0.4108	0.7453	
SFR	54.0589	3	18.0196	0.1796	0.9101	
ERROR	321999.9769	3208	100.3428			
CSFR	184.5212	3	61.5071	0.6127	0.6065	
ERROR	321815.4557	3205	100.3792			

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 83

STEP SOCIAL STUDIES, 1ST ORDER TREND

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		1493013.5377	3237						
MEAN		1303329.4716	1	1303329.4716	22241.5859			0.0000	
ERROR		189684.0661	3236	58.5988					
CUR		11594.2080	1	11594.2080	223.1607			0.0000	
SEX		700.3130	1	700.3130	13.4793			0.0003	
F.ED		1502.8396	3	500.9465	9.6420			0.0001	
RACE		1214.0289	1	1214.0289	23.3671			0.0001	
ERROR		167864.9691	3230	51.9545					
CS		20.2747	1	20.2747	0.3511			0.5319	
CF		325.8948	3	108.6316	2.0957			0.0987	
CR		0.0250	1	0.0250	0.0005			0.9825	
SF		253.0881	3	84.3627	1.6275			0.1809	
SR		1.6543	1	1.6543	0.0319			0.8583	
FR		443.8589	3	147.9530	2.8543			0.0360	
ERROR		166854.9002	3218	51.8344					
CSF		86.6439	3	28.8813	0.5567			0.6436	
CSR		61.0382	1	61.0382	1.1765			0.2783	
CFR		91.5090	3	30.5030	0.5880			0.6227	
SFR		98.9113	3	32.9704	0.6355			0.5918	
ERROR		166482.4762	3208	51.8799					
CSFR		89.0457	3	29.6819	0.5719			0.6332	
ERROR		166393.4305	3205	51.9007					

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TCI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SOCIAL STUDIES, 2ND ORDER TPEND

TABLE 84

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		156997.2500	3237						
MEAN		16681.6183	1	16681.6183	384.8350			0.0000	
ERROR		140315.6317	3236	43.3475					
CUR		89.4742	1	89.4742	2.0802			0.1496	
SEX		339.1566	1	339.1566	7.8850			0.0051	
F.ED		608.3222	3	202.7741	4.7142			0.0029	
RACE		121.2171	1	121.2171	2.8181			0.0934	
ERROR		138975.0026	3230	43.0130					
CS		0.7236	1	0.7236	0.0168			0.8969	
CF		70.5529	3	23.5176	0.5465			0.6502	
CR		9.1945	1	9.1945	0.2137			0.6440	
SF		123.4143	3	41.1381	0.9560			0.4126	
SR		1.907	1	125.9077	2.9259			0.0875	
FR		1.76079	3	39.2026	0.9110			0.4347	
ERROR		138520.122	3218	43.0323					
CSF		155.2184	3	51.7395	1.2024			0.3073	
CSR		31.4607	1	31.4607	0.7312			0.3926	
CFR		87.7663	3	29.2554	0.6799			0.5641	
SFR		205.7647	3	68.5882	1.5940			0.1887	
ERROR		138079.0630	3208	43.0287					
CSFR		205.4241	3	68.4747	1.5923			0.1892	
ERROR		137873.6389	3205	43.0049					

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP LISTENING, FORM 48, GRADE 5, 1961

TABLE 85

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1831	273.66	11.72	224.00	323.00	258.44	265.99	273.22	280.36	287.41
NON-ACADEMIC		1826	263.25	11.40	222.00	306.00	247.45	255.03	263.33	271.05	276.56
MALES		1722	268.61	12.41	224.00	306.00	251.65	259.86	268.78	276.25	283.00
FEMALES		1935	268.33	12.91	222.00	323.00	251.05	259.43	268.44	276.17	283.01
ELEM F.ED.		1049	265.44	11.39	232.00	311.00	250.53	257.56	265.29	272.57	278.94
HS F.ED.		960	267.70	12.17	224.00	323.00	251.36	259.33	267.64	275.11	281.30
COLL F.ED.		1232	273.51	12.19	222.00	311.00	257.11	265.74	273.20	280.47	287.60
D.K.F.ED.		416	262.91	13.18	222.00	306.00	244.90	252.79	262.96	271.00	278.31
BLACK		582	257.46	10.66	222.00	288.00	242.93	249.88	257.69	264.29	270.20
WHITE		3075	270.55	11.93	222.00	323.00	254.48	262.34	270.59	277.58	284.40
NOT IN SAMPLE		5093	263.60	13.80	222.00	317.00	244.53	253.79	263.48	272.60	280.21

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	259.61	7.75	244.00	249.20	254.40	258.00	264.00	270.40
A	M	ELEM	W	160	269.94	11.64	243.00	253.11	261.76	269.69	276.26	284.00
A	M	HS	B	30	263.77	9.67	239.00	248.00	258.33	263.33	270.50	276.00
A	M	HS	W	228	273.36	11.23	224.00	259.60	266.57	272.75	279.29	286.91
A	M	COLL	B	20	263.55	9.62	246.00	250.00	257.00	261.20	268.67	274.00
A	M	COLL	W	398	276.52	10.87	239.00	261.96	269.72	276.03	282.37	288.96
A	M	D.K.	B	16	259.31	8.93	240.00	244.40	255.33	260.00	266.00	268.40
A	M	D.K.	W	38	270.21	10.30	242.00	257.20	264.00	270.89	276.00	282.27
A	F	ELEM	B	36	263.06	9.36	243.00	249.47	258.00	262.57	268.40	273.40
A	F	ELEM	W	146	272.00	11.24	234.00	257.84	263.64	271.40	279.00	285.05
A	F	HS	B	27	260.67	12.00	236.00	246.93	252.33	260.00	270.25	275.20
A	F	HS	W	185	274.51	11.06	243.00	260.53	266.48	274.36	280.37	285.86
A	F	COLL	B	15	264.87	9.30	252.00	253.00	256.33	263.50	268.50	276.00
A	F	COLL	W	445	277.48	10.40	244.00	264.25	270.44	276.54	282.64	290.09
A	F	D.K.	B	13	260.54	13.78	239.00	240.60	251.00	261.00	268.33	276.80
A	F	D.K.	W	56	274.77	11.72	236.00	260.60	267.00	274.40	280.50	287.92
A	M	ELEM	B	54	259.17	9.24	235.00	244.80	252.44	259.82	265.75	269.04
A	M	ELEM	W	240	264.63	10.68	235.00	250.00	256.78	264.37	272.38	277.50
A	M	HS	B	50	258.28	9.02	237.00	247.00	251.80	257.50	262.33	270.00
A	M	HS	W	171	265.68	10.56	231.00	251.36	258.29	265.42	272.90	277.98
A	M	COLL	B	21	256.24	10.95	234.00	238.40	250.33	257.33	263.75	267.80
A	M	COLL	W	141	268.12	11.45	228.00	253.28	261.36	269.65	274.79	280.33
A	M	D.K.	B	52	255.46	10.64	232.00	242.98	246.67	253.56	263.60	269.20
A	M	D.K.	W	85	263.24	11.63	235.00	248.00	253.75	263.20	269.91	276.00
A	M	ELEM	B	87	255.10	9.26	232.00	242.85	249.37	255.62	261.06	265.38
A	M	ELEM	W	308	265.27	10.04	235.00	251.60	258.29	265.90	271.82	276.82
A	M	HS	B	56	254.70	11.24	231.00	239.73	245.33	255.00	262.57	269.20
A	M	HS	W	213	264.40	9.72	239.00	250.82	257.08	264.65	271.03	275.06
A	M	COLL	B	22	251.50	11.04	234.00	238.40	243.20	248.67	257.33	265.20
A	M	COLL	W	170	267.47	11.07	222.00	252.67	260.47	267.75	273.19	279.20
A	M	D.K.	B	65	252.32	10.63	222.00	238.50	245.12	251.64	260.14	265.71
A	M	D.K.	W	91	265.03	11.54	241.00	250.05	256.56	264.43	272.12	277.56
TOTAL		3657	268.46	12.68	222.00	323.00	251.35	259.64	268.60	276.21	283.01	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F on father's education

high school

male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know ELEM elementary school

F female

F on father's education

high school

male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College

Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

TABLE 36

STEP LISTENING, FORM 3B, GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	284.63	13.56	239.00	327.00	267.36	275.36	283.65	292.68	301.86
NON-ACADEMIC		1802	271.64	12.09	233.00	315.00	256.06	262.91	270.90	279.26	286.78
MALES		1699	278.32	14.28	233.00	327.00	259.29	268.36	277.65	286.91	295.64
FEMALES		1907	277.98	14.50	239.00	325.00	259.09	267.59	277.09	287.06	295.77
ELEM F.ED.		1025	274.53	12.70	242.00	327.00	258.12	265.37	273.17	282.12	290.68
HS F.ED.		941	276.93	14.07	233.00	325.00	258.78	267.01	276.06	284.92	294.17
COLL F.ED.		1227	284.15	13.66	244.00	325.00	266.38	274.63	283.59	292.46	301.15
D.K.F.ED.		413	271.99	14.98	237.00	319.00	252.06	260.97	270.60	280.82	290.92
BLACK		573	265.72	11.37	233.00	308.00	250.41	257.37	264.52	272.26	280.69
WHITE		3033	280.49	13.69	237.00	327.00	262.99	270.56	279.64	288.79	297.46
NOT IN SAMPLE		4444	272.54	15.52	233.00	327.00	252.70	260.50	271.04	282.16	293.05

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M- ELEM B	18	267.67	12.25	242.00	290.00	247.20	263.00	266.67	273.00	284.80
A	M ELEM W	158	281.49	13.66	249.00	327.00	263.31	272.18	280.97	289.37	297.76
A	M HS B	29	269.62	11.70	247.00	291.00	251.80	261.25	268.67	278.20	284.40
A	M HS W	223	283.69	12.88	251.00	325.00	268.29	274.68	281.78	291.29	300.62
A	M COLL B	20	270.30	13.33	248.00	308.00	254.00	261.33	270.00	274.00	284.00
A	M COLL W	393	288.32	11.97	251.00	325.00	272.68	279.91	287.26	295.10	303.45
A	M D.K. B	16	272.19	10.79	250.00	289.00	251.20	269.00	274.00	279.00	282.80
A	M D.K. W	38	284.87	14.54	252.00	319.00	266.40	275.00	284.00	293.00	302.40
A	F ELEM B	36	271.97	10.79	248.00	296.00	259.20	264.00	271.00	278.00	285.60
A	F ELEM W	135	281.93	13.40	248.00	319.00	263.00	272.20	281.53	290.93	295.88
A	F HS B	26	271.77	13.60	247.00	306.00	257.20	261.67	270.00	281.00	287.20
A	F HS W	182	285.86	12.77	252.00	322.00	269.53	277.16	284.48	292.95	302.72
A	F COLL B	15	275.20	10.79	247.00	292.00	262.00	269.57	276.67	282.50	287.00
A	F COLL W	446	288.49	12.10	251.00	325.00	272.63	279.70	287.36	295.54	304.24
A	F D.K. B	13	272.08	14.19	251.00	302.00	251.00	260.50	276.50	279.75	283.40
A	F D.K. W	56	284.45	14.72	239.00	315.00	264.80	276.00	284.00	292.00	303.40
N	M ELEM B	55	265.53	10.87	244.00	292.00	249.50	256.60	266.00	271.42	279.00
N	M ELEM W	238	272.98	10.77	247.00	304.00	258.45	265.52	271.91	279.45	286.22
N	M HS B	48	264.54	11.69	233.00	289.00	249.80	257.33	262.67	271.33	280.40
N	M HS W	167	273.81	11.72	245.00	315.00	258.37	265.35	273.31	280.29	287.38
N	M COLL B	20	266.85	10.49	249.00	285.00	254.00	257.60	266.00	274.00	282.00
N	M COLL W	140	277.03	11.63	247.00	304.00	259.00	268.80	277.82	284.47	290.67
N	M D.K. B	51	264.86	11.17	242.00	285.00	248.88	256.75	263.80	273.25	279.92
N	M D.K. W	85	270.14	12.62	237.00	304.00	253.50	260.83	269.69	277.50	287.50
N	F ELEM B	85	263.86	7.82	242.00	286.00	254.44	258.31	262.90	268.54	273.50
N	F ELEM W	300	274.15	10.88	247.00	315.00	259.37	266.53	273.33	280.69	287.65
N	F HS B	55	261.58	10.71	244.00	284.00	247.50	251.88	259.80	269.00	277.50
N	F HS W	211	273.03	10.62	244.00	302.00	259.17	265.86	271.83	280.04	286.74
N	F COLL B	22	260.77	9.32	252.00	289.00	252.00	253.20	260.00	263.67	271.20
N	F COLL W	171	276.54	11.95	244.00	312.00	261.64	267.95	275.58	283.50	291.96
N	F D.K. B	64	259.94	9.35	239.00	283.00	247.52	252.80	258.67	267.11	271.04
N	F D.K. W	90	273.11	13.43	242.00	310.00	256.00	263.40	271.75	280.25	292.00
TOTAL		3606	278.14	14.40	233.00	327.00	259.18	268.00	277.37	286.99	295.71

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college curriculum-father's education interaction
 CF curriculum-father's education interaction
 CR curriculum-trace interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP LISTENING, FORM 3A, GRADE 9, 1965

Table 87

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1641	291.87	14.04	251.00	333.00	273.31	281.50	290.44	301.35	309.34
NON-ACADEMIC		1657	278.87	13.11	233.00	333.00	262.40	269.71	277.61	285.92	295.35
MALES		1573	284.96	14.71	233.00	333.00	264.01	274.26	283.11	294.66	304.14
FEMALES		1765	285.53	15.31	238.00	333.00	266.32	274.31	283.48	295.34	305.70
ELEM F-ED.		1013	281.43	13.23	216.00	325.00	264.61	271.54	279.95	288.99	298.92
HS F-ED.		906	283.77	14.28	233.00	327.00	265.73	273.55	282.32	292.48	301.95
COLL F-ED.		1035	292.35	14.69	238.00	327.00	273.14	281.15	290.93	302.60	311.00
D.K.F-ED.		384	279.79	15.36	245.00	333.00	260.76	268.87	278.29	287.33	299.16
BLACK		545	274.64	12.18	243.00	319.00	258.65	266.07	273.80	281.38	288.59
WHITE		2793	287.34	14.68	233.00	333.00	268.51	276.44	285.60	296.94	306.17
NOT IN SAMPLE		4576	279.77	16.16	233.00	330.00	259.39	267.92	278.28	289.45	301.22

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES						
IGUR SEX F-ED RACE							10	25	50	75	90		
A	M	ELEM	B		18	279.33	11.91	259.00	265.20	273.00	278.00	282.67	302.80
A	M	ELEM	W		158	287.08	13.51	252.00	268.09	277.75	286.84	295.89	304.08
A	M	HS	B		30	280.50	13.07	257.00	262.00	270.33	280.67	289.33	296.67
A	M	HS	W		211	290.01	11.96	260.00	274.69	280.39	289.04	298.05	304.83
A	M	COLL	B		19	281.89	13.57	263.00	267.80	273.50	278.50	284.50	302.40
A	M	COLL	W		338	295.58	12.98	260.00	278.43	284.89	295.58	304.44	312.40
A	M	D.K.	B		15	280.13	10.82	251.00	268.00	273.50	282.50	286.33	289.33
A	M	D.K.	W		35	291.77	14.17	261.00	273.00	280.33	291.00	301.25	307.00
A	F	ELEM	B		36	281.36	10.81	256.00	261.47	276.00	282.00	285.60	291.60
A	F	ELEM	W		142	289.77	13.99	257.00	270.60	279.86	288.15	299.50	307.44
A	F	HS	B		26	279.08	16.09	255.00	257.47	267.67	276.00	285.33	302.80
A	F	HS	W		174	292.13	13.08	255.00	274.80	282.09	291.18	300.56	308.04
A	F	COLL	B		15	282.87	10.36	270.00	272.00	275.75	280.00	285.00	300.00
A	F	COLL	W		358	297.54	12.90	258.00	280.40	287.04	297.86	305.62	315.47
A	F	D.K.	B		13	279.00	14.18	251.00	255.20	271.00	280.00	285.50	296.00
A	F	D.K.	W		53	293.17	16.27	253.00	271.73	281.25	291.00	305.00	314.70
A	M	ELEM	B		52	272.94	10.00	252.00	257.20	266.57	272.33	277.20	285.60
A	M	ELEM	W		229	278.68	11.46	246.00	264.26	270.22	277.55	285.24	293.11
A	M	HS	B		45	273.69	12.02	251.00	258.86	263.00	272.50	280.50	288.00
A	M	HS	W		162	278.99	13.61	233.00	261.36	270.59	278.38	286.33	295.40
A	M	COLL	B		19	273.89	11.02	257.00	259.80	264.33	272.00	279.67	294.20
A	M	COLL	W		117	285.13	13.51	248.00	268.70	276.08	283.50	293.00	302.20
A	M	D.K.	B		46	273.70	11.34	253.00	259.28	264.33	272.50	280.44	287.60
A	M	D.K.	W		79	277.16	14.60	245.00	259.80	266.43	276.20	283.89	294.20
A	F	ELEM	B		80	271.69	9.82	252.00	258.40	263.50	271.20	278.00	283.60
A	F	ELEM	W		298	280.80	12.12	253.00	265.25	271.74	279.20	287.79	296.25
A	F	HS	B		55	271.51	13.00	243.00	254.67	263.75	270.22	279.80	288.00
A	F	HS	W		203	280.57	11.80	249.00	265.77	272.12	279.06	286.68	295.71
A	F	COLL	B		18	271.50	9.72	249.00	259.07	264.00	272.00	279.00	283.60
A	F	COLL	W		151	285.45	14.83	238.00	268.91	274.55	283.64	294.08	305.07
A	F	D.K.	B		58	268.33	10.17	248.00	253.73	260.44	268.22	275.25	280.13
A	F	D.K.	W		85	280.15	12.44	255.00	264.57	271.70	278.82	285.44	295.00
TOTAL		3338	285.26	15.05	233.00	333.00	266.18	274.29	283.45	294.98	305.01		

KEY

A

academic

B

black

BEQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F-ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1801	297.66	14.27	240.00	335.00	279.34	288.32	297.20	307.30	315.48
NON-ACADEMIC		1764	284.54	13.35	240.00	322.00	267.72	274.99	284.44	292.37	300.03
MALES		1673	290.86	15.39	240.00	335.00	270.51	280.80	290.51	300.27	310.47
FEMALES		1892	291.44	15.21	240.00	335.00	271.54	280.10	290.63	300.85	312.14
ELEM F.ED.		1029	287.70	13.98	240.00	332.00	269.61	277.88	287.87	296.52	304.91
HS F.ED.		942	290.13	14.39	240.00	335.00	270.86	280.65	289.89	298.55	309.04
COLL F.ED.		1213	296.89	14.97	242.00	335.00	276.78	286.76	296.72	307.11	315.68
D.K.F.ED.		381	284.88	16.09	240.00	334.00	265.73	273.63	283.08	294.17	306.97
BLACK		540	279.55	13.25	240.00	323.00	264.00	270.54	278.35	287.14	295.64
WHITE		3025	293.24	14.70	240.00	335.00	273.93	283.28	292.56	302.45	312.57
NOT IN SAMPLE		3544	286.73	15.90	240.00	335.00	265.56	275.54	286.68	296.68	307.11

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	285.28	13.13	261.00	312.00	263.60	275.00	289.00	293.50	296.80
A	M	155	293.94	14.88	240.00	332.00	274.00	285.10	293.76	303.56	311.80
A	M	29	282.31	14.58	240.00	309.00	263.60	272.50	284.40	290.75	300.20
A	M	223	296.90	12.72	249.00	335.00	281.96	288.08	294.79	304.81	314.17
A	M	20	283.55	11.03	271.00	317.00	271.00	274.67	281.33	288.00	296.00
A	M	391	300.52	13.57	242.00	332.00	283.49	291.97	300.60	309.29	316.18
A	M	14	283.21	11.70	266.00	308.00	269.60	274.00	280.00	292.67	295.47
A	M	35	257.49	13.38	275.00	326.00	278.00	289.00	295.71	307.00	314.00
A	F	36	290.89	10.82	267.00	318.00	279.20	282.86	289.60	296.00	304.80
A	F	145	295.73	13.78	252.00	322.00	277.25	286.06	296.10	305.50	314.44
A	F	26	283.85	16.99	240.00	323.00	266.40	273.00	284.00	294.00	304.80
A	F	186	298.22	12.20	256.00	327.00	282.34	289.85	297.71	306.80	314.68
A	F	15	289.80	16.54	267.00	317.00	269.00	276.75	290.00	304.50	314.00
A	F	442	301.87	13.40	267.00	335.00	283.64	291.85	300.86	311.73	319.66
A	F	12	286.58	16.72	264.00	315.00	268.80	274.00	280.00	300.00	311.20
A	F	54	296.83	16.13	256.00	334.00	274.80	288.29	296.57	307.00	315.47
N	M	53	279.30	11.71	252.00	300.00	264.30	270.83	278.85	287.80	293.70
N	M	235	285.41	12.96	240.00	315.00	268.67	276.55	285.52	293.39	299.76
N	M	45	278.33	16.12	240.00	309.00	258.00	266.25	278.33	287.86	299.00
N	M	169	286.00	12.49	256.00	319.00	267.51	277.91	286.64	292.85	299.77
N	M	14	277.95	13.02	259.00	306.00	259.00	269.50	278.00	285.25	300.40
N	M	139	289.27	13.14	249.00	322.00	271.93	279.89	289.69	296.93	305.68
N	M	45	274.22	13.32	242.00	308.00	254.00	265.86	275.00	282.11	288.67
N	M	83	281.95	14.23	243.00	321.00	265.20	273.90	281.11	289.75	297.54
N	F	81	276.31	11.28	240.00	304.00	264.63	269.92	275.86	282.71	285.66
N	F	306	286.73	12.04	242.00	319.00	271.60	277.93	286.74	294.08	301.26
N	F	55	277.65	10.39	253.00	312.00	266.00	270.56	275.82	282.43	291.00
N	F	209	286.76	11.90	252.00	317.00	271.05	277.76	288.05	293.89	299.42
N	F	20	272.80	9.01	257.00	292.00	260.00	264.00	273.33	278.40	282.00
N	F	167	288.81	13.06	242.00	321.00	270.57	280.14	288.48	297.24	305.02
N	F	52	275.04	8.17	261.00	293.00	264.11	268.40	274.29	281.14	285.87
N	F	86	286.65	15.87	240.00	322.00	268.34	275.25	285.60	294.89	307.52
TOTAL		3565	291.17	15.30	240.00	335.00	271.10	280.42	290.56	300.57	311.31

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.F.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP LISTENING, FORM 48, GRADE 5, 1961

TABLE 4

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		264157666.0000	3656				
MEAN		263569815.2620	1	263569815.2620	1639226.0000		0.0000
ERROR		587844.7380	3655	160.7891			
CUR		51222.7887	1	51222.7887	443.0435		0.0000
SEX		83.8827	1	83.8827	0.7255		0.3946
F.EO		9766.9187	3	3255.6396	28.1591		0.0000
RACE		47496.3566	1	47496.3566	410.8123		0.0000
ERROR		421997.1419	3649	115.6157			
CS		997.9173	1	997.9173	8.7282		0.0033
CF		1385.6847	3	461.8949	4.0399		0.0072
CR		242.5650	1	242.5650	2.1216		0.1455
SF		714.3963	3	238.1321	2.0828		0.1004
SR		1125.5471	1	1125.5471	9.8445		0.0019
FR		1303.7026	3	434.5675	3.8009		0.0099
ERROR		415942.1464	3637	114.3327			
CSF		11.3379	3	3.7793	0.0330		0.9920
CSR		134.9055	1	134.9055	1.1780		0.2780
CFR		210.6743	3	70.2248	0.6132		0.6064
SFR		45.7451	3	15.2484	0.1331		0.9403
ERROR		415486.6029	3627	114.5223			
CSF*		269.7212	3	89.9071	0.7849		0.5020
ERROR		415216.8817	3624	114.5426			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

STEP LISTENING, FORM 38, GRADE 7, 1963

TABLE 50

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	279714532.0000	3605			
MEAN	278966971.9249	1	278966971.9249	1345276.0000	0.0000
ERROR	747560.0751	3604	207.3677		
CUR	84004.2614	1	84004.2614	587.4131	0.0000
SEX	103.5480	1	103.5480	0.7241	0.3952
F-ED	12544.7563	3	4181.5988	29.2405	0.0000
RACE	56741.9033	1	56741.9033	396.7766	0.0000
ERROR	514682.3435	3598	143.0071		
CS	389.4953	1	389.4953	2.7436	0.0981
CF	1950.7118	3	650.2373	4.5803	0.0033
CR	872.7671	1	872.7671	6.1479	0.0132
SF	328.4884	3	109.4961	0.7713	0.5098
SR	461.2348	1	461.2348	3.2490	0.0719
FR	973.2351	3	324.4117	2.2852	0.0769
ERROR	509220.5619	3586	141.9629		
CSF	503.7183	3	167.9061	1.1834	0.3145
CSR	895.6681	1	895.6681	6.3127	0.0122
CFR	12.7857	3	4.2619	0.0300	0.9929
SFR	329.1526	3	109.7175	0.7733	0.5085
ERROR	507516.8734	3576	141.8835		
CSFR	215.9695	3	71.9898	0.5072	0.6772
ERROR	507300.9040	3573	141.9421		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

STEP LISTENING, FORM 3A, GRADE 9, 1965

TABLE 91

DEPENDENT VARIABLE		***** ANALYSIS OF *****				VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F
		1							
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL		272383601.0000	3337						
MEAN		271627621.4614	1	271627621.4614	1199001.0000				0.0000
ERROR		755979.5386	3336	226.5448					
CUR		80562.6066	1	80562.6066	492.2844				0.0000
SEX		1633.1569	1	1633.1569	9.9795				0.0017
AGE		21669.0518	3	7223.0173	44.1368				0.0000
ERROR		37015.0261	1	37015.0261	226.1833				0.0000
		545119.6307	3330	163.6505					
CS		205.1065	1	205.1065	1.2610				0.2617
CF		1144.3116	3	381.4372	2.3451				0.0710
CR		614.5634	1	614.5634	3.7785				0.0522
SF		220.5909	3	73.5303	0.4521				0.7157
SR		1347.2206	1	1347.2206	8.2830				0.0041
FR		1351.1368	3	450.3789	2.7690				0.0403
ERROR		539833.5644	3318	162.6495					
CSF		85.0411	3	28.3470	0.1740				0.9139
CSR		115.9156	1	115.9156	0.7116				0.3991
CFR		315.5376	3	105.1792	0.6457				0.5853
SFR		276.3514	3	92.1305	0.5656				0.6376
ERROR		539022.7201	3308	162.8960					
CSFR		83.8499	3	27.9500	0.1715				0.9155
ERROR		538938.8702	3305	163.0185					

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
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CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

STEP LISTENING, FORM 28, GRADE 11, 1967

TABLE 97

DEPENDENT VARIABLE

***** ANALYSIS OF

VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	303071750.0000	3564			
MEAN	302237151.6310	1	302237151.6310	1290647.0000	0.0000
ERROR	824598.3690	3563	234.1748		
CUR	91351.6852	1	91351.6852	528.8552	0.0000
SEX	1287.2288	1	1287.2288	7.4521	0.0064
F.ED	10855.1058	3	3618.3699	20.9476	0.0000
RACE	45262.5468	1	45262.5468	262.0349	0.0000
ERROR	614589.7024	3557	172.7347		
CS	327.1356	1	327.1356	1.9012	0.1684
CF	1071.9559	3	357.3186	2.0766	0.1012
CR	254.0130	1	254.0130	1.4762	0.2246
SF	411.3320	3	137.1107	0.7968	0.4952
SR	125.2120	1	125.2120	0.7277	0.3939
FR	1818.0301	3	606.0100	3.5219	0.0145
ERROR	610152.5368	3545	172.0679		
CSF	716.3061	3	238.7687	1.3897	0.2440
CSR	887.9694	1	887.9694	5.1683	0.0233
CFR	963.0209	3	321.0070	1.8684	0.1327
SFR	8.1848	3	2.7283	0.0159	0.9971
ERROR	607522.8856	3535	171.8109		
CSFR	241.4565	3	80.4855	0.4682	0.7041
ERROR	607281.4291	3532	171.8884		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
N male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

STEP LISTENING, 0 ORDER TREND

TABLE 9.3

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1565	286.64	11.76	246.00	319.25	271.63	278.83	286.37	294.55	302.05
NON-ACADEMIC		1614	274.69	10.80	243.00	314.00	260.38	267.00	274.35	281.94	288.14
MALES		1502	280.49	12.53	246.00	319.25	263.78	271.81	280.44	288.68	296.41
FEMALES		1677	280.65	12.98	243.00	318.50	264.08	271.51	280.30	289.27	298.16
ELEM F.E.D.		958	277.29	11.27	247.25	316.25	262.41	269.10	276.59	284.68	291.42
HS F.E.D.		867	279.59	12.11	246.00	319.25	264.21	271.49	279.66	286.98	294.99
COLL F.E.D.		1003	286.44	12.24	243.00	318.50	270.59	278.16	286.52	295.04	302.28
D.K.F.E.D.		351	275.19	13.46	246.00	316.00	258.22	265.43	274.12	283.30	293.16
BLACK		495	269.66	10.29	247.00	307.25	256.27	262.02	269.29	275.49	283.19
WHITE		2684	282.58	12.14	243.00	319.25	266.70	274.01	282.19	290.59	298.54
NOT IN SAMPLE		244	274.56	13.94	246.00	307.75	255.62	263.81	273.86	284.57	294.04

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.E.D RACE							10	25	50	75	90
A	M	18	272.97	9.71	253.00	295.50	259.20	268.67	273.33	277.00	284.80
A	M	149	283.45	11.92	255.50	316.25	266.51	274.90	283.78	290.39	298.07
A	M	28	273.85	10.74	250.25	291.25	255.60	268.00	273.00	282.00	288.27
A	M	201	285.86	9.95	256.00	319.25	274.14	278.97	284.61	292.11	298.23
A	M	19	274.63	10.47	257.00	301.25	263.60	269.00	273.43	276.50	296.40
A	M	328	289.85	10.41	255.75	315.50	275.97	282.34	290.13	296.95	303.51
A	M	13	272.56	9.10	251.75	284.50	257.20	269.00	275.33	278.75	282.80
A	M	32	285.11	10.72	261.25	311.00	270.93	278.67	285.20	292.00	299.60
A	F	33	276.47	9.45	256.25	300.25	268.13	270.33	275.00	282.75	287.70
A	F	128	284.55	11.46	251.75	308.25	268.53	276.80	283.81	292.80	298.64
A	F	24	274.43	13.62	251.00	307.25	257.60	265.00	272.00	283.00	291.20
A	F	167	287.63	10.51	259.25	316.50	273.92	280.42	287.08	294.65	301.72
A	F	15	278.18	9.94	263.50	300.75	268.50	270.75	275.33	282.50	294.00
A	F	347	291.27	10.36	260.25	318.50	278.18	283.53	290.84	298.46	306.00
A	F	12	274.67	13.87	251.75	299.25	256.80	265.33	276.00	286.00	291.20
A	F	51	287.50	13.85	246.00	316.00	272.08	278.75	287.60	296.25	306.00
N	M	50	269.00	8.90	249.25	287.00	256.00	262.33	269.33	274.57	279.33
N	M	222	275.42	9.65	247.25	297.25	262.27	268.41	275.45	282.33	288.21
N	M	38	269.28	10.35	252.75	292.50	257.07	262.00	267.00	275.33	285.60
N	M	157	276.03	10.56	246.00	309.50	261.48	268.76	275.92	283.06	288.24
N	M	17	268.22	9.93	253.25	290.25	257.40	261.25	266.00	273.75	285.20
N	M	115	279.55	10.90	249.25	307.00	266.00	273.15	280.09	285.92	294.00
N	M	39	267.61	9.30	248.00	291.50	255.87	259.83	266.44	274.17	279.10
N	M	76	273.12	11.63	246.75	310.25	258.88	264.67	272.31	280.44	287.40
N	F	73	277.12	7.96	247.50	289.50	256.13	260.82	266.53	273.27	276.70
N	F	202	270.68	5.51	254.50	306.75	264.38	269.83	276.05	283.22	288.33
N	F	53	266.35	9.68	250.00	293.75	253.84	258.33	266.00	273.50	280.56
N	F	199	276.23	9.41	249.25	302.25	265.06	269.59	275.62	282.38	287.22
N	F	16	264.98	8.91	251.50	281.50	252.80	256.00	265.00	272.00	280.80
N	F	146	279.60	10.79	243.00	308.75	265.40	272.58	279.05	287.05	293.20
N	F	47	264.34	7.99	247.00	280.25	253.40	258.09	263.71	270.78	274.87
N	F	81	275.92	12.05	249.50	314.00	260.63	268.75	275.00	281.90	293.24
TOTAL		3179	280.57	12.76	243.00	319.25	263.97	271.05	280.37	289.00	297.43

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D father's education
 HS high school
 M male
 MAX maximum
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 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP LISTENING, 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
A	ACADEMIC	1565	17.70	8.51	-20.57	53.89	7.35	12.28	17.75	22.98	28.45
A	NON-ACADEMIC	1614	15.86	7.90	-33.54	46.51	5.98	11.02	16.04	20.84	25.39
A	MALES	1502	16.30	8.61	-20.57	53.89	5.66	11.00	16.46	21.67	27.18
A	FEMALES	1677	17.19	7.90	-33.54	46.51	7.64	12.20	17.25	22.12	26.94
A	ELEM F.ED.	958	16.48	8.03	-33.54	41.37	6.72	11.56	16.62	21.39	26.45
A	HS F.ED.	867	16.58	7.95	-11.85	46.51	6.71	11.24	16.69	21.74	26.45
A	COLL F.ED.	1003	17.34	8.66	-20.57	47.63	6.37	11.98	17.59	22.75	28.06
A	D.K.F.ED.	351	16.39	8.35	-14.09	53.89	6.37	11.50	16.25	21.26	26.99
A	BLACK	495	16.82	7.97	-11.85	38.68	6.31	12.06	16.70	21.17	27.63
A	WHITE	2684	16.76	8.31	-33.54	53.89	6.61	11.51	16.94	21.87	26.96
A	NOT IN SAMPLE	244	18.25	8.56	-5.14	39.80	6.10	12.63	19.57	24.00	28.08

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX	F.ED RACE						10	25	50	75	90
A	M ELEM	18	19.83	7.74	2.91	31.30	12.90	15.00	18.50	27.00	30.15
A	M ELEM	149	17.45	8.72	-12.97	41.37	7.68	11.88	17.89	23.18	27.53
A	M HS	28	14.30	8.33	-1.12	29.29	3.30	8.50	13.50	21.00	25.80
A	M HS	201	17.16	8.36	-3.35	44.94	7.73	10.91	16.80	22.18	28.84
A	M COLL	19	16.50	8.04	-0.67	31.08	4.20	11.63	17.75	20.75	25.80
A	M COLL	328	17.17	9.27	-20.57	47.63	5.47	11.79	17.60	22.85	28.12
A	M D.K.	13	18.39	7.91	4.02	29.96	5.40	12.38	18.00	26.25	28.20
A	M D.K.	32	20.04	10.10	-3.58	53.89	10.70	14.50	18.50	24.50	31.30
A	F ELEM	33	20.25	6.49	8.50	38.68	13.60	15.25	19.71	23.81	30.20
A	F HS	128	17.73	7.65	-5.59	37.34	8.53	12.50	17.70	22.87	27.23
A	F HS	24	17.45	9.50	-11.85	32.42	5.70	13.50	17.25	23.70	29.40
A	F HS	167	17.60	7.96	-10.06	45.39	7.35	13.45	18.08	22.19	26.60
A	F COLL	15	18.44	9.92	2.01	35.11	6.00	10.13	18.75	25.87	33.00
A	F COLL	347	18.53	8.30	-10.51	45.39	8.41	13.33	18.25	23.62	29.63
A	F D.K.	12	18.48	9.56	5.59	33.99	6.30	10.50	16.50	27.00	30.90
A	F D.K.	51	16.63	7.81	1.57	35.11	6.08	11.33	17.06	21.84	25.45
N	M ELEM	50	14.76	7.20	-0.45	30.63	3.50	10.65	14.63	18.75	26.25
N	M ELEM	222	15.18	8.54	-13.42	35.78	4.87	10.42	15.44	20.48	25.77
N	M HS	38	15.84	8.97	-6.71	31.08	3.90	9.00	16.50	22.75	25.80
N	M HS	157	15.02	7.54	-3.80	34.44	4.76	9.82	14.84	20.72	24.44
N	M COLL	17	16.48	5.87	5.14	25.27	8.55	11.44	17.00	22.12	24.22
N	M COLL	115	15.96	8.41	-16.10	34.66	5.45	10.63	16.18	21.07	27.60
N	M D.K.	39	14.35	9.57	-10.51	32.20	-2.31	10.88	14.85	19.75	25.65
N	M D.K.	76	14.52	8.02	-14.09	36.45	5.46	10.50	15.35	18.71	21.90
N	F ELEM	73	16.87	7.09	-1.79	33.32	7.73	13.22	16.61	20.92	26.20
N	F ELEM	285	15.97	7.69	-33.54	40.03	6.71	11.14	16.12	20.48	24.86
N	F HS	53	17.72	8.09	2.01	35.11	5.80	12.75	17.67	23.87	28.32
N	F HS	199	16.41	7.16	-3.58	46.51	9.03	11.64	16.60	20.71	24.99
N	F COLL	16	16.17	7.76	-6.93	27.06	9.30	13.50	17.10	19.50	24.60
N	F COLL	146	16.18	8.37	-16.55	42.93	5.10	11.05	17.13	22.12	25.15
N	F D.K.	47	17.45	6.47	4.92	32.42	10.05	12.53	17.14	22.18	27.15
N	F D.K.	81	16.27	8.05	-2.24	42.04	6.36	11.02	15.88	21.54	26.04
TOTAL		3179	16.77	8.25	-33.54	53.89	6.57	11.60	15.60	21.11	27.05

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

Table 95

STEP LISTENING, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1565	-2.98	7.37	-35.00	21.50	-12.39	-7.19	-2.69	1.84	6.05
NON-ACADEMIC		1614	-1.44	7.11	-44.00	25.00	-10.37	-5.59	-0.98	3.01	6.85
MALES		1502	-2.18	7.53	-35.00	25.00	-11.91	-6.63	-1.89	2.60	6.73
FEMALES		1677	-2.21	7.05	-44.00	21.50	-10.93	-6.43	-1.62	2.36	6.32
ELEM F.ED.		958	-1.39	6.82	-44.00	23.50	-9.80	-5.36	-1.15	3.02	6.61
HS F.ED.		867	-1.54	7.33	-26.50	25.00	-10.95	-5.88	-1.20	2.96	7.20
COLL F.ED.		1003	-3.57	7.53	-29.00	21.50	-13.13	-7.88	-3.24	1.33	5.76
D.K.F.ED.		351	-2.13	7.10	-24.50	21.00	-11.61	-6.68	-1.36	2.49	6.31
BLACK		495	-1.64	6.58	-21.50	20.50	-10.22	-5.82	-1.04	2.44	6.16
WHITE		2684	-2.30	7.40	-44.00	25.00	-11.71	-6.62	-1.92	2.49	6.56
NOT IN SAMPLE		244	-5.43	7.32	-25.50	15.50	-14.82	-10.32	-4.85	0.20	3.53
CLASSIFICATION											
ICUR	SEX F-ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M ELEM B	18	-1.06	6.11	-13.00	13.00	-8.10	-5.00	-0.64	1.29	6.30
A	M ELEM W	149	-2.33	7.34	-35.00	20.00	-12.02	-6.42	-2.17	2.69	6.32
A	M HS B	28	-2.73	5.99	-16.00	7.00	-9.70	-6.30	-2.50	2.10	4.70
A	M HS W	201	-1.95	7.47	-26.00	18.00	-12.08	-6.29	-1.86	2.72	7.48
A	M COLL B	19	-2.32	5.86	-17.00	8.50	-10.80	-3.75	-0.67	0.92	3.15
A	M COLL W	328	-3.80	7.99	-29.00	19.00	-13.97	-8.16	-3.75	1.50	6.08
A	M D.K. B	13	-4.73	5.74	-12.50	4.00	-13.30	-8.50	-5.00	0.75	3.20
A	M D.K. W	32	-4.50	6.67	-20.00	9.50	-13.30	-8.50	-3.64	0.30	3.60
A	F ELEM B	33	0.06	4.44	-8.00	8.00	-6.12	-3.75	-0.38	3.42	5.77
A	F ELEM W	128	-1.92	7.36	-28.50	17.00	-10.28	-6.42	-1.97	3.00	6.69
A	F HS B	24	-3.81	6.49	-25.50	9.00	-14.10	-7.50	-3.00	0.75	4.10
A	F HS W	167	-2.58	7.18	-22.50	17.00	-11.95	-6.64	-2.14	2.01	6.14
A	F COLL B	15	-1.70	6.78	-12.50	10.00	-10.13	-8.44	-0.25	2.25	6.75
A	F COLL W	347	-3.85	7.34	-29.00	21.50	-13.22	-8.12	-3.81	0.97	5.42
A	F D.K. B	12	-1.50	6.05	-11.00	7.50	-9.90	-6.00	-0.50	3.00	5.70
A	F D.K. W	51	-3.53	7.48	-21.00	12.00	-12.71	-9.45	-3.25	0.63	7.20
N	M ELEM B	50	-0.50	5.69	-16.50	14.50	-8.25	-3.45	-0.21	2.85	5.70
N	M ELEM W	222	-0.84	7.08	-24.50	23.50	-9.66	-4.90	-1.03	3.57	7.35
N	M HS B	38	0.53	8.14	-17.50	25.00	-9.70	-3.75	-0.64	3.75	11.10
N	M HS W	157	-0.62	7.59	-25.50	25.00	-10.83	-4.66	-0.46	3.37	8.36
N	M COLL B	17	-4.74	8.12	-20.50	8.50	-14.40	-9.75	-4.88	0.56	6.45
N	M COLL W	115	-2.82	7.11	-18.00	15.00	-12.33	-7.38	-2.65	2.35	6.12
N	M D.K. B	39	-4.06	8.52	-21.50	13.00	-13.65	-10.13	-4.25	1.05	10.57
N	M D.K. W	76	-1.28	7.89	-24.50	21.00	-10.90	-6.17	-0.58	3.81	7.02
N	F ELEM B	73	-1.66	5.95	-18.50	10.00	-9.40	-6.19	-0.98	2.02	5.66
N	F ELEM W	285	-1.35	6.72	-44.00	15.00	-9.20	-4.72	-0.91	3.02	6.64
N	F HS B	53	-0.28	6.86	-13.50	13.50	-9.51	-5.06	-0.23	4.82	8.77
N	F HS W	199	-1.26	7.17	-26.50	18.50	-9.86	-5.64	-0.58	3.36	7.21
N	F COLL B	16	-4.59	6.16	-13.50	4.50	-12.30	-10.50	-3.50	0.50	2.90
N	F COLL W	146	-3.07	7.62	-28.50	15.50	-13.02	-6.83	-2.17	1.45	5.82
N	F D.K. B	47	-0.48	5.53	-17.50	8.50	-6.97	-2.89	0.09	3.09	5.91
N	F D.K. W	81	-0.81	6.10	-14.00	13.50	-8.74	-4.45	-0.47	3.29	6.57
TOTAL		3179	-2.20	7.28	-44.00	25.00	-11.46	-6.52	-1.75	2.45	6.50

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

STEP LISTENING, 0 ORDER TREND

TABLE 50

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		250769274.5625	3178						
MEAN		250251037.1970	1	250251037.1970	1534620.0000			0.0000	
ERROR		518237.3655	3177	163.0703					
CUR		67104.8663	1	67104.8663	617.2710			0.0000	
SEX		714.9714	1	714.9714	6.5767			0.0104	
F.ED		11225.3223	3	3741.7741	34.4191			0.0000	
RACE		40131.9674	1	40131.9674	369.1580			0.0000	
ERROR		344834.7635	3171	108.7121					
CS		375.1291	1	375.1291	3.4775			0.0624	
CF		1031.7663	3	343.9221	3.1882			0.0228	
CR		552.5023	1	552.5023	5.1218			0.0239	
SF		146.8765	3	48.9588	0.4539			0.7146	
SR		439.4339	1	439.4339	4.0736			0.0438	
FR		980.7597	3	326.9199	3.0306			0.0283	
ERROR		340880.2043	3159	107.8735					
CSF		72.4694	3	24.1565	0.2238			0.8793	
CSR		409.2983	1	409.2983	3.7916			0.0517	
CFR		201.6817	3	67.2272	0.6228			0.5999	
SFR		120.8523	3	40.2841	0.3732			0.7724	
ERROR		340034.0369	3149	107.9474					
CSFR		61.2164	3	20.4055	0.1889			0.9041	
ERROR		339972.8205	3146	108.0308					

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP LISTENING, 1ST ORDER TREND

TABLE 97

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		1110087.1296	3178			
MEAN		893570.7571	1	893570.7571	13115.7109	0.0000
ERROR		216516.3725	3177	68.1298		
CUR		2490.2880	1	2490.2880	37.1068	0.0001
SEX		784.9994	1	784.9994	11.6970	0.0007
F-ED		69.2329	3	23.0776	0.3439	0.7933
RACE		86.3648	1	86.3648	1.2869	0.2569
ERROR		212877.1094	3171	67.1113		
CS		34.0333	1	34.0333	0.5063	0.4771
CF		162.7011	3	54.2337	0.8068	0.4898
CR		5.7465	1	5.7465	0.0855	0.7701
SF		50.1611	3	16.7204	0.2487	0.8623
SR		153.4380	1	153.4380	2.2825	0.1311
FR		53.6196	3	17.8732	0.2659	0.8500
ERROR		212425.2043	3159	67.2232		
CSF		469.3800	3	156.4600	2.3294	0.0725
CSR		16.7540	1	16.7540	0.2494	0.6177
CFR		293.9573	3	97.9858	1.4588	0.2238
SFR		37.2665	3	12.4222	0.1849	0.9067
ERROR		211579.8815	3149	67.1682		
CSFR		48.3836	3	16.1279	0.2399	0.8686
ERROR		211531.4980	3146	67.2169		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP LISTENING, 2ND ORDER TREND

Table 9b

DEPENDENT VARIABLE
***** ANALYSIS OF VARIANCE TABLE *****
1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	183710.2500	3178			
MEAN	15363.0279	1	15363.0279	290.0176	0.0000
ERROR	168347.2221	3177	52.9727		
CUR	867.1314	1	867.1314	16.7162	0.0001
SEX	8.5687	1	8.5687	0.1652	0.6845
F-ED	1871.049	3	623.7683	12.0247	0.0000
RACE	13.388	1	13.4388	0.2591	0.6109
ERROR	164543.174	3171	51.8738		
CS	30.3783	1	30.3783	0.5860	0.4442
CF	311.3759	3	103.7920	2.0023	0.1115
CR	80.2817	1	80.2837	1.5488	0.2138
SF	291.1023	3	97.0341	1.8719	0.1322
SR	31.1900	1	31.1900	0.6017	0.4381
FR	51.7252	3	17.2417	0.3326	0.8015
ERROR	163806.5436	3159	51.8375		
CSF	40.7996	3	13.5999	0.2624	0.8523
CSR	1.5260	1	1.5260	0.0294	0.8638
CFR	391.9944	3	130.6648	2.5215	0.0561
SFR	144.3755	3	48.1252	0.9287	0.4259
ERROR	163231.0026	3149	51.8194		
CSFR	14.7338	3	4.9113	0.0947	0.9630
ERROR	163216.2688	3146	51.8641		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
P.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAI	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1830	262.42	13.61	225.00	298.00	243.26	252.34	262.47	272.26	279.09
NON-ACADEMIC		1826	251.84	13.17	225.00	291.00	233.03	242.53	251.24	260.32	268.18
MALES		1724	253.80	14.16	225.00	298.00	234.02	243.31	252.96	262.86	272.38
FEMALES		1932	260.12	13.95	225.00	298.00	241.06	250.04	260.07	269.50	278.05
ELEM F-ED.		1051	254.34	13.58	225.00	294.00	234.87	244.71	253.64	262.74	271.07
HS F-ED.		961	250.39	13.79	225.00	298.00	236.78	246.57	255.95	265.84	273.88
COLL F-ED.		1228	262.03	14.11	225.00	298.00	241.81	251.58	262.19	272.38	279.30
D.K.F-ED.		416	251.49	14.37	225.00	291.00	231.56	241.11	250.17	260.36	269.58
BLACK		583	246.99	12.39	225.00	284.00	229.33	237.15	246.60	254.32	261.98
WHITE		3073	259.06	13.94	225.00	298.00	239.71	248.90	258.99	268.53	277.04
NOT IN SAMPLE		5091	251.54	15.18	224.00	298.00	230.44	239.67	250.10	261.67	272.17

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F-ED RACE											
A	M	ELEM	B	18	242.17	12.93	225.00	231.00	243.14	245.71	258.80
A	M	ELEM	W	161	256.02	13.15	225.00	245.56	256.00	265.07	272.60
A	M	HS	B	30	250.33	13.89	225.00	241.33	248.50	259.00	268.00
A	M	HS	W	228	259.38	11.99	225.00	249.39	258.31	268.36	275.05
A	M	COLL	B	20	249.40	12.77	225.00	239.33	250.00	254.00	262.00
A	M	COLL	W	398	262.65	12.83	225.00	244.20	253.67	261.81	271.53
A	M	D.K.	B	16	245.31	12.27	225.00	232.67	246.00	254.00	260.80
A	M	D.K.	W	37	259.24	11.92	240.00	244.27	249.40	256.50	267.60
A	F	ELEM	B	36	255.72	11.93	227.00	233.13	250.50	256.00	261.11
A	F	ELEM	W	146	264.31	12.85	232.00	245.82	253.45	264.00	274.12
A	F	HS	B	27	252.48	13.50	225.00	234.93	243.00	251.00	262.20
A	F	HS	W	186	266.74	11.55	234.00	249.73	259.75	267.29	273.92
A	F	COLL	B	15	260.80	14.14	234.00	244.00	249.50	260.00	274.33
A	F	COLL	W	443	268.33	12.25	225.00	251.17	260.08	268.81	277.44
A	F	D.K.	B	13	248.23	13.28	227.00	231.20	235.67	252.00	257.67
A	F	D.K.	W	56	263.09	13.07	225.00	247.60	252.67	262.80	274.00
N	M	ELEM	B	55	242.71	11.33	225.00	225.67	233.38	240.80	251.50
N	M	ELEM	W	240	248.38	12.04	225.00	231.05	239.67	248.88	256.00
N	M	HS	B	50	243.92	10.17	225.00	230.00	236.00	243.45	249.67
N	M	HS	W	171	248.86	11.95	225.00	231.57	239.69	248.69	257.27
N	M	COLL	B	21	244.14	11.58	225.00	228.20	235.67	242.50	253.00
N	M	COLL	W	141	253.09	13.35	225.00	235.85	243.08	250.91	262.23
N	M	D.K.	B	52	240.37	10.65	225.00	225.47	230.67	240.29	247.00
N	M	D.K.	W	86	247.15	12.76	225.00	230.60	236.92	246.80	254.67
N	F	ELEM	B	87	247.89	11.88	225.00	229.80	239.22	248.80	253.83
N	F	ELEM	W	308	257.84	11.33	225.00	243.36	250.26	257.89	264.54
N	F	HS	B	56	248.79	11.73	225.00	232.13	240.00	249.43	256.50
N	F	HS	W	213	256.45	12.61	227.00	238.58	247.96	255.67	264.35
N	F	COLL	B	22	244.55	11.01	229.00	229.00	233.00	246.00	251.00
N	F	COLL	W	168	257.63	12.88	225.00	241.80	248.14	257.69	266.25
N	F	D.K.	B	65	246.22	10.07	225.00	231.67	239.29	245.54	251.92
N	F	D.K.	W	91	256.96	13.99	225.00	237.10	247.67	257.07	264.83
TOTAL		3656	257.14	14.40	225.00	298.00	236.85	246.74	256.89	266.93	276.06

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1802	272.60	15.69	236.00	315.00	248.46	260.38	274.98	283.50	290.48
NON-ACADEMIC		1791	258.58	14.58	236.00	304.00	238.58	246.12	257.18	269.72	278.44
MALES		1691	261.90	16.36	236.00	307.00	240.10	247.33	259.94	275.01	283.37
FEMALES		1902	268.91	16.28	236.00	315.00	245.64	256.13	270.50	280.82	287.57
ELEM F.ED.		1022	261.46	15.15	236.00	315.00	241.17	248.14	260.10	273.19	281.22
HS F.ED.		933	264.83	16.24	236.00	312.00	242.37	250.89	264.04	277.29	285.04
COLL F.ED.		1225	272.23	16.11	236.00	312.00	247.71	259.52	275.14	283.55	290.38
D.K.F.ED.		413	257.98	16.10	236.00	312.00	237.23	244.75	254.73	269.35	280.45
BLACK		568	253.06	13.24	236.00	295.00	236.00	242.69	249.54	261.21	272.77
WHITE		3025	267.96	16.21	236.00	315.00	244.76	255.16	269.07	279.95	287.24
NOT IN SAMPLE		4419	258.13	17.34	232.00	318.00	235.12	243.56	254.27	272.47	282.69

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	251.00	11.34	236.00	236.00	241.00	250.67	258.00	264.80
A	M	ELEM	M	159	264.62	15.25	236.00	242.45	252.25	264.93	276.08	283.70
A	M	HS	B	29	255.66	14.13	236.00	236.00	243.25	256.40	265.50	274.80
A	M	HS	M	221	268.14	15.31	236.00	246.03	255.53	269.85	279.76	285.57
A	M	COLL	B	20	258.60	14.67	236.00	236.00	248.00	256.00	268.00	278.00
A	M	COLL	M	391	273.59	14.51	236.00	251.42	263.32	276.17	283.67	289.91
A	M	D.K.	B	16	254.44	13.17	236.00	237.20	244.00	252.00	260.00	277.60
A	M	D.K.	M	38	267.97	14.70	245.00	247.80	255.00	267.00	279.60	285.60
A	F	ELEM	B	37	263.19	14.39	236.00	244.47	248.50	256.00	273.40	281.73
A	F	ELEM	M	136	273.16	15.47	236.00	244.47	248.50	256.00	273.40	281.73
A	F	HS	B	27	260.41	15.02	236.00	239.40	247.75	259.00	269.00	280.60
A	F	HS	M	181	278.17	13.08	241.00	258.58	270.78	278.85	286.81	293.97
A	F	COLL	B	15	264.67	14.62	236.00	246.00	253.50	265.00	277.00	283.00
A	F	COLL	M	446	279.99	12.71	236.00	261.49	273.32	280.89	287.42	294.72
A	F	D.K.	B	13	258.62	15.12	241.00	242.60	245.67	253.00	271.00	282.80
A	F	D.K.	M	55	274.15	16.07	236.00	247.33	265.00	275.67	284.14	291.00
N	M	ELEM	B	55	247.31	10.23	236.00	236.00	245.00	255.23	263.46	271.00
N	M	ELEM	M	234	255.62	12.43	236.00	236.00	245.00	255.23	263.46	271.00
N	M	HS	B	44	247.64	9.95	236.00	236.00	245.00	255.23	263.46	271.00
N	M	HS	M	169	256.17	13.72	236.00	236.00	245.00	255.23	263.46	271.00
N	M	COLL	B	20	254.15	12.11	236.00	236.00	245.00	255.23	263.46	271.00
N	M	COLL	M	140	260.05	15.33	236.00	239.33	247.08	258.35	273.00	280.44
N	M	D.K.	B	51	245.24	9.29	236.00	236.00	243.75	243.33	247.15	255.80
N	M	D.K.	M	86	251.17	11.99	236.00	236.00	240.83	249.78	258.44	267.29
N	F	ELEM	B	84	252.79	10.65	236.00	239.20	244.95	249.54	259.50	267.60
N	F	ELEM	M	299	264.50	13.46	236.00	245.31	253.56	264.69	274.89	279.90
N	F	HS	B	53	256.58	14.01	236.00	236.00	245.80	255.00	267.00	274.69
N	F	HS	M	209	264.33	13.72	236.00	245.15	252.17	263.37	276.12	281.89
N	F	COLL	B	22	252.77	15.73	236.00	236.00	237.00	248.00	264.67	271.20
N	F	COLL	M	171	265.72	15.47	236.00	244.44	253.00	266.00	278.41	285.04
N	F	D.K.	B	64	249.69	10.81	236.00	236.00	241.00	246.86	257.20	265.60
N	F	D.K.	M	90	264.06	13.91	236.00	246.67	251.22	263.00	274.25	282.67
TOTAL		3593	265.61	16.69	236.00	315.00	242.47	251.27	265.50	278.47	286.31	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

Table 101

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
MARGINALS												
ACADEMIC		1655	285.69	16.59	236.00	335.00	263.34	275.72	285.37	295.72	307.59	
NON-ACADEMIC		1754	270.30	16.64	234.00	328.00	246.32	257.83	272.31	281.09	290.71	
MALES		1612	273.30	18.31	234.00	331.00	247.46	259.57	274.77	285.09	295.85	
FEMALES		1757	281.79	17.35	234.00	335.00	257.98	272.05	281.65	292.80	304.48	
ELEM F-ED.		1038	273.78	17.07	234.00	324.00	250.46	261.57	274.91	284.40	294.47	
HS F-ED.		914	276.66	17.63	234.00	335.00	251.62	263.93	277.29	287.86	296.78	
COLL F-ED.		1058	285.48	17.25	236.00	331.00	262.62	275.69	285.49	295.69	307.52	
D.K.F-ED.		399	270.30	18.71	236.00	316.00	243.66	255.86	271.03	281.83	294.95	
BLACK		571	263.96	15.54	234.00	324.00	242.34	251.72	263.03	275.37	283.72	
WHITE		2838	280.56	17.55	234.00	335.00	255.78	270.57	280.46	291.75	302.97	
NOT IN SAMPLE		4696	268.86	18.98	234.00	335.00	243.40	252.85	269.11	281.33	292.87	

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
CUR SEX F-ED RACE												
A	M	18	263.72	11.64	236.00	285.00	249.20	256.50	263.33	272.00	276.93	
A	M	160	277.19	16.99	237.00	324.00	252.22	265.33	276.52	288.77	297.67	
A	M	29	267.48	14.05	236.00	293.00	249.60	256.60	267.50	276.20	290.13	
A	M	214	280.56	15.70	236.00	328.00	260.93	272.20	279.44	290.11	298.80	
A	M	19	268.89	13.17	240.00	291.00	247.80	263.00	272.00	277.40	280.80	
A	M	340	287.33	15.07	246.00	331.00	268.86	277.07	286.59	296.52	307.33	
A	M	15	263.60	15.90	236.00	290.00	244.00	249.50	260.00	275.00	284.00	
A	M	36	285.81	11.59	259.00	307.00	271.20	279.71	284.86	292.67	301.20	
A	F	37	277.00	15.74	250.00	324.00	256.70	263.67	276.50	285.80	295.20	
A	F	144	286.98	15.37	240.00	320.00	265.52	277.76	285.64	295.54	309.73	
A	F	27	273.04	17.04	236.00	297.00	247.40	261.50	275.43	285.00	295.30	
A	F	73	291.63	13.89	250.00	335.00	275.32	281.11	290.11	297.32	309.12	
A	F	14	280.56	13.43	261.00	304.00	261.00	265.00	280.67	288.00	300.40	
A	F	364	294.22	13.52	250.00	331.00	276.98	284.33	292.94	304.00	310.96	
A	F	12	275.92	16.04	236.00	293.00	258.80	266.00	278.00	282.00	292.40	
A	F	53	287.94	17.48	236.00	316.00	270.30	277.40	288.00	299.75	309.13	
A	M	55	259.02	13.40	234.00	291.00	240.00	250.38	259.20	267.67	276.00	
A	M	238	265.19	15.58	234.00	313.00	242.48	253.00	265.45	276.80	283.91	
A	M	49	259.22	12.55	234.00	288.00	243.80	249.13	257.00	267.50	276.34	
A	M	164	265.90	15.86	234.00	313.00	242.80	254.53	265.27	277.17	283.49	
A	M	21	258.52	17.46	236.00	285.00	240.00	243.00	253.00	277.00	283.90	
A	M	121	272.37	16.52	236.00	304.00	245.40	262.07	274.95	283.50	291.96	
A	M	51	254.82	13.69	236.00	294.00	238.91	244.50	250.33	263.67	275.20	
A	M	82	263.12	13.60	236.00	300.00	243.60	254.50	263.00	272.80	277.93	
A	M	84	264.76	13.39	234.00	291.00	246.40	256.50	263.54	275.00	281.30	
A	F	302	277.84	13.94	248.00	320.00	257.14	268.62	277.55	286.27	294.89	
A	F	55	264.82	14.67	234.00	288.00	245.00	253.80	264.33	276.43	284.00	
A	F	203	278.22	14.23	234.00	313.00	257.02	271.64	278.60	286.42	295.34	
A	F	21	264.05	16.89	236.00	307.00	246.13	251.00	263.00	273.00	283.80	
A	F	158	280.29	15.25	240.00	328.00	260.24	273.17	280.48	288.63	296.08	
A	F	64	258.94	14.23	236.00	293.00	240.00	245.00	259.71	269.00	277.20	
A	F	86	277.80	15.16	236.00	310.00	258.48	269.00	278.47	286.40	297.40	
TOTAL		3409	277.78	18.31	234.00	335.00	251.55	264.59	278.06	289.69	299.98	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

CLASSIFICATION	N	MEAN	S.D.	MIN	MAX	PERCENTILES				
						10	25	50	75	90
MARGINALS										
ACADEMIC	1807	296.81	16.62	247.00	346.00	276.29	285.79	295.38	308.90	317.47
NON-ACADEMIC	1774	279.82	16.12	247.00	329.00	257.40	266.34	280.13	290.41	299.21
MALES	1678	284.12	18.47	247.00	339.00	258.13	273.66	294.91	308.74	
FEMALES	1903	292.16	17.60	247.00	346.00	266.89	280.15	291.70	305.24	314.89
ELEM F.E.D.	1028	283.24	16.82	247.00	336.00	259.00	271.31	282.75	293.46	305.69
HS F.E.D.	945	287.32	17.32	247.00	342.00	261.59	276.54	287.17	297.30	311.19
O.K.F.E.D.	1219	296.08	17.32	247.00	346.00	273.79	284.25	295.02	308.99	317.34
BLACK	389	280.50	19.06	247.00	332.00	255.97	264.20	279.31	292.60	307.11
WHITE	551	275.02	14.91	247.00	321.00	256.01	262.41	275.55	283.39	293.98
NOT IN SAMPLE	3030	290.83	17.98	247.00	346.00	264.48	279.29	290.61	303.98	314.01
	3580	282.58	18.44	247.00	339.00	257.31	267.27	281.80	294.26	307.32
CLASSIFICATION										
CUR SEX F.E.D RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR	18	272.33	16.73	247.00	298.00	250.00	258.00	270.00	282.00	297.60
ELEM	153	287.44	16.73	249.00	336.00	263.44	276.87	288.42	295.37	308.40
HS	29	280.66	16.98	250.00	314.00	255.80	264.50	282.00	291.75	304.40
M	223	292.20	15.63	247.00	326.00	273.32	282.04	291.03	301.67	313.57
W	19	283.58	13.16	252.00	312.00	272.90	275.75	280.67	289.00	304.40
COLL	394	297.51	15.78	247.00	339.00	277.68	287.40	295.51	308.60	315.84
D.K.	16	281.94	12.19	257.00	300.00	262.40	276.00	280.00	291.00	294.80
ELEM	37	293.43	15.48	262.00	323.00	266.80	285.00	293.00	303.00	312.60
HS	37	287.03	14.83	255.00	321.00	266.80	278.25	287.00	296.50	302.20
F	145	297.83	15.08	255.00	336.00	278.25	287.30	297.40	308.64	316.75
M	26	283.31	16.34	250.00	314.00	258.40	276.67	282.67	291.50	305.60
COLL	186	301.36	14.55	268.00	342.00	282.24	291.07	299.05	311.57	321.37
D.K.	15	292.67	15.51	271.00	318.00	274.00	279.50	289.00	308.50	314.00
ELEM	443	304.57	13.88	260.00	346.00	286.07	293.74	305.88	314.33	321.91
HS	13	286.54	15.37	262.00	318.00	265.20	277.00	283.33	297.00	299.60
F	53	300.13	16.77	250.00	332.00	279.30	288.25	301.00	311.80	319.60
W	53	265.62	12.44	247.00	296.00	250.00	256.11	263.00	275.50	281.70
COLL	232	274.81	14.03	247.00	312.00	253.20	262.44	276.77	284.21	291.36
D.K.	45	268.36	12.58	249.00	298.00	253.00	258.10	265.67	275.86	285.00
ELEM	170	276.22	14.85	247.00	329.00	257.00	263.60	276.95	283.93	293.67
HS	21	272.14	10.93	252.00	291.00	257.10	260.50	272.67	278.75	283.80
COLL	139	282.27	16.44	249.00	326.00	259.37	267.83	283.00	292.45	302.07
D.K.	46	268.41	13.86	247.00	310.00	252.60	257.56	265.00	277.20	286.40
ELEM	83	270.30	15.84	247.00	316.00	250.00	257.73	266.44	279.22	290.70
HS	83	273.59	11.47	250.00	302.00	258.46	262.79	274.20	281.42	287.76
COLL	307	286.46	13.80	250.00	321.00	265.63	277.76	286.90	294.62	304.82
D.K.	55	276.11	12.52	250.00	311.00	258.50	265.57	276.91	283.50	291.00
ELEM	211	287.12	15.15	247.00	326.00	264.08	279.15	287.28	295.30	306.45
HS	20	274.30	11.77	255.00	296.00	258.00	264.00	272.00	281.33	288.00
COLL	168	289.10	15.74	247.00	326.00	266.53	278.63	289.40	298.57	305.47
D.K.	55	270.87	12.58	247.00	300.00	250.00	261.75	273.00	279.70	283.75
ELEM	86	284.14	17.53	247.00	323.00	257.07	276.40	283.20	294.44	306.80
HS	3581	288.35	18.45	247.00	346.00	261.34	276.62	288.52	299.67	312.82
TOTAL										

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know elementary school

F female

F.E.D father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	242492455.0000	3655			
MEAN	241734445.9123	1	241734445.9123	1165604.0000	0.0000
ERROR	758009.0877	3654	207.3897		
CUR	60347.4722	1	60347.4722	395.0945	0.0000
SEX	43473.6270	1	43473.6270	284.6216	0.0000
F.ED	8435.3751	3	2811.7917	18.4088	0.0000
RACE	38837.2132	1	38837.2132	254.2670	0.0000
ERROR	557354.8218	3648	152.7418		
CS	0.1928	1	0.1928	0.0013	0.9716
CF	1523.9648	3	507.9883	3.3482	0.0184
CR	1019.9394	1	1019.9394	6.7224	0.0096
SF	1687.5046	3	562.5015	3.7075	0.0112
SR	514.3450	1	514.3450	3.3901	0.0658
FR	409.2553	3	136.4318	0.8992	0.4407
ERROR	551810.8434	3636	151.7215		
CSF	576.5566	3	325.6655	2.1478	0.0922
CSR	490.6374	1	490.6374	3.2358	0.0722
CFR	473.1348	3	157.7116	1.0401	0.3736
SFR	198.6979	3	66.2326	0.4368	0.7267
ERROR	549961.5163	3626	151.6299		
CSFR	706.2145	3	235.4048	1.5532	0.1987
ERROR	549255.3019	3623	151.5606		

KEY

A academic
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 BEQ Background and Experience Questionnaire
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 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	254478236.0000	3552			
MEAN	253477364.2281	1	253477364.2281	909697.1250	0.0000
ERROR	1000871.7719	3551	278.6393		
CUR	103750.9571	1	103750.9571	543.6021	0.0000
SEX	53765.2878	1	53765.2878	281.7026	0.0000
F.ED	17964.4426	3	5988.1475	31.3748	0.0000
RACE	54601.0623	1	54601.0623	286.0815	0.0000
ERROR	684417.4468	3585	190.8583		
CS	46.9513	1	46.9513	0.2478	0.6187
CF	2424.3072	3	808.1024	4.2652	0.0053
CR	1676.4574	1	1676.4574	8.8486	0.0030
SF	1894.8083	3	631.6028	3.3336	0.0187
SR	858.9794	1	858.9794	4.5337	0.0334
FR	139.2218	3	46.4073	0.2449	0.8650
ERROR	677144.5326	3573	189.4642		
CSF	734.2903	3	244.7634	1.2919	0.2754
CSR	169.8611	1	169.8611	0.8965	0.3438
CFR	558.1919	3	186.0640	0.9821	0.4000
SFR	485.9104	3	161.9701	0.8549	0.4637
ERROR	675238.0200	3563	189.4608		
CSFR	843.0146	3	281.0049	1.4838	0.2169
ERROR	674395.0055	3560	189.3837		

KEY

A academic
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 BEQ Background and Experience Questionnaire
 COLL college
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 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP WRITING, FORM 3A, GRADE 9, 1965

TABLE 105

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		264177846.0000	3408			
MEAN		263035030.2846	1			
ERROR		1142809.7154	3407	263035030.2846	784402.6875	0.0000
				335.3316		
CUR		122767.1629	1	122767.1629	550.2581	0.0000
SEX		75564.1229	1	75564.1229	338.6880	0.0000
F-ED		20890.0460	3	6963.3487	31.2106	0.0000
RACE		71344.9206	1	71344.9206	319.7771	0.0000
ERROR		759014.0535	3401	223.1083		
CS		534.8466	1	534.8466	2.4190	0.1202
CF		2086.0531	3	695.3510	3.1450	0.0243
CR		734.3305	1	734.3305	3.3213	0.0685
SF		1808.3416	3	602.7805	2.7263	0.0427
SR		1807.4011	1	1807.4011	8.1747	0.0044
FR		1890.6591	3	630.2330	2.8505	0.0361
ERROR		749521.4011	3389	221.0978		
CSF		928.9168	3	309.6389	1.4024	0.2402
CSR		1757.2831	1	1757.2831	7.9590	0.0048
CFR		295.6645	3	98.5548	0.4464	0.7197
SFR		442.6024	3	147.5341	0.6682	0.5712
ERROR		746277.2954	3375	220.7922		
CSFR		962.4592	3	320.8197	1.4536	0.2253
ERROR		745314.8362	3376	220.7033		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	299051755.0000	3580			
MEAN	297832922.4882	1	297832922.4882	874773.8750	0.0000
ERROR	1218876.5118	3579	340.4685		
CUR	160472.5406	1	160472.5406	720.1555	0.0000
SEX	70828.3004	1	70828.3004	317.8574	0.0000
RACE	24274.6580	3	8091.5660	36.3127	0.0000
ERROR	55458.8720	1	55458.8720	248.8838	0.0000
	796395.3246	3573	222.8304		
CS	146.6753	1	146.6753	0.6627	0.4159
CF	2777.8023	3	925.9341	4.1837	0.0058
CR	755.1622	1	755.1622	3.4121	0.0648
SF	2268.0775	3	756.0258	3.4160	0.0167
SR	1464.8887	1	1464.8887	6.6189	0.0103
FR	447.3674	3	149.1225	0.6738	0.5678
	788338.6385	3561	221.3192		
CSF	718.9185	3	239.6395	1.0828	0.3550
CSR	431.9011	1	431.9011	1.9515	0.1629
CFR	409.9896	3	136.6632	0.6175	0.6033
SFR	817.3324	3	272.4441	1.2310	0.2968
	786128.9095	3551	221.3202		
CSFR	663.4561	3	221.1520	0.9992	0.3922
ERROR	785465.4534	3548	221.3203		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.F.D	father's education
HS	high school
N	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP WRITING, 0 ORDER TREND

TABLE 107

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1579	278.92	13.98	236.00	314.00	259.49	268.99	280.01	289.13	296.90
NON-ACADEMIC		1663	265.17	13.09	237.50	303.75	247.56	254.88	264.97	274.37	282.72
MALES		1535	267.90	14.88	236.00	312.75	248.30	256.47	267.09	278.47	288.79
FEMALES		1707	275.44	14.54	237.50	314.00	255.64	265.17	275.74	285.88	294.42
ELEM F.ED.		980	268.23	14.08	236.00	312.75	249.59	257.60	267.63	277.83	287.26
HS F.ED.		872	271.13	14.47	238.00	309.25	250.89	260.25	270.89	281.56	290.22
COLL F.ED.		1024	278.33	14.53	238.50	314.00	257.77	268.19	279.59	288.85	296.75
D.K.F.ED.		366	265.28	14.98	238.25	306.50	245.94	253.75	264.11	274.73	286.69
BLACK		523	259.96	12.25	236.00	297.50	244.82	250.20	258.87	267.81	275.67
WHITE		2719	274.16	14.60	238.50	314.00	254.05	263.66	274.21	284.64	293.20
NOT IN SAMPLE		257	263.85	15.56	238.25	306.25	244.64	250.75	261.50	275.72	285.02
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	257.31	11.09	236.00	281.75	245.60	250.00	257.00	265.00	272.80
A	M	150	271.29	14.03	243.00	312.75	253.00	260.17	270.89	281.00	289.71
A	M	27	263.64	13.16	240.25	291.75	243.60	254.33	262.50	271.25	281.20
A	M	202	274.84	12.59	239.25	304.00	258.80	265.91	274.29	283.30	291.94
A	M	18	265.18	11.49	245.75	290.50	247.60	259.00	264.80	269.00	282.40
A	M	330	279.66	12.69	239.75	306.75	262.00	270.26	280.67	289.21	296.00
A	M	15	260.82	11.45	240.25	282.00	245.00	253.50	259.33	268.50	274.00
A	M	34	275.80	11.39	251.75	297.75	258.80	267.50	276.00	285.00	290.88
A	F	36	270.84	12.26	248.50	294.25	255.47	261.33	270.67	278.67	288.80
A	F	131	280.99	13.52	245.75	308.00	261.20	271.10	282.37	290.88	297.95
A	F	26	267.44	14.38	238.00	294.00	249.20	257.00	269.00	274.00	285.60
A	F	166	283.83	10.99	257.25	309.25	267.85	276.82	283.69	291.26	299.20
A	F	14	275.13	13.72	252.25	297.50	257.60	263.00	272.00	286.00	294.40
A	F	351	286.65	10.92	254.50	314.00	272.16	279.15	286.65	294.53	300.33
A	F	12	268.23	12.94	244.25	288.50	252.80	260.00	269.00	272.00	287.20
A	F	49	281.61	14.55	239.50	306.50	263.80	271.57	282.44	292.75	301.47
A	F	53	253.75	9.52	237.50	275.75	242.30	246.50	251.80	259.87	266.85
N	M	225	261.09	11.35	238.75	292.00	246.13	251.62	260.81	269.29	275.39
N	M	39	254.90	9.26	239.75	277.50	244.84	247.44	251.78	259.57	269.47
N	M	162	261.69	11.34	241.00	289.25	246.72	252.67	260.60	269.20	277.03
N	M	20	257.26	11.70	240.00	275.75	244.00	248.00	254.00	269.33	273.33
N	M	119	266.64	13.46	238.50	298.25	249.29	256.18	265.80	276.12	284.88
N	M	44	252.81	9.11	240.75	285.25	242.93	246.22	250.80	258.00	263.60
N	M	79	257.99	10.49	239.25	292.00	243.94	249.73	257.50	265.70	271.49
N	F	78	259.49	9.69	237.50	283.75	246.13	252.60	259.38	265.64	272.27
N	F	289	271.79	11.09	243.75	303.75	256.38	264.46	271.59	279.29	286.14
N	F	51	261.77	11.50	240.75	289.75	244.20	252.88	262.80	269.50	275.90
N	F	199	271.56	12.26	239.50	302.50	252.76	263.47	271.78	280.24	287.11
N	F	19	258.07	12.56	241.50	291.00	243.80	246.75	257.00	267.00	270.80
N	F	153	272.59	12.42	244.75	299.25	255.53	264.29	273.00	281.36	287.31
N	F	53	256.55	9.88	238.25	279.00	242.64	248.17	257.80	263.87	268.93
N	F	80	271.02	12.13	243.00	298.50	256.40	261.71	271.33	277.71	288.80
TOTAL		3242	271.87	15.17	236.00	314.00	250.94	260.21	271.57	282.92	291.76

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP WRITING, 1ST ORDER TREND

TABLE 100

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1579	26.00	8.96	-13.64	65.07	14.83	20.07	25.73	32.14	37.16
NON-ACADEMIC		1663	21.30	9.44	-15.88	64.62	9.46	14.92	21.01	27.48	33.37
MALES		1535	22.73	9.96	-15.88	64.62	10.68	16.28	22.57	29.43	35.19
FEMALES		1707	24.36	8.11	-10.96	65.07	12.72	18.11	24.22	30.50	35.98
ELEM F.ED.		980	22.13	8.95	-15.88	53.89	10.95	16.31	21.94	28.13	33.57
HS F.ED.		872	23.30	9.33	-8.94	64.62	11.58	17.04	23.37	29.70	34.83
COLL F.ED.		1024	25.74	9.48	-10.96	65.07	13.81	19.50	25.55	32.03	37.33
D.K.F.ED.		366	22.15	10.34	-13.64	51.88	9.09	14.91	22.12	29.33	35.58
BLACK		523	21.01	8.88	-3.13	51.88	9.91	14.45	20.56	27.50	32.69
WHITE		2719	24.08	9.55	-15.88	65.07	12.16	17.82	23.94	30.55	36.10
NOT IN SAMPLE		257	23.83	9.37	1.12	55.01	11.56	17.08	23.87	30.51	36.14
CLASSIFICATION											
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A M	ELEM B	18	23.08	10.88	-3.13	49.19	14.10	16.13	22.50	28.00	35.10
A M	ELEM W	150	24.19	8.94	-2.46	50.98	12.50	19.18	23.83	30.32	35.00
A M	HS B	27	21.52	6.97	4.70	33.76	13.05	16.31	21.38	27.19	30.80
A M	HS W	202	24.50	9.83	-8.94	52.10	11.37	17.91	25.37	31.34	35.84
A M	COLL B	18	24.86	8.67	8.05	36.67	14.70	18.00	23.50	33.00	36.15
A M	COLL W	330	26.36	9.01	-6.71	53.22	15.86	20.11	25.83	32.73	37.89
A M	D.K. B	15	25.66	7.41	10.73	36.22	17.00	21.38	24.60	32.25	36.00
A M	D.K. W	34	27.37	11.23	-13.64	46.29	16.90	21.38	24.60	32.25	36.00
A F	ELEM B	36	24.45	8.85	4.47	44.27	11.70	20.17	24.50	31.93	36.24
A F	ELEM W	131	25.82	7.66	8.05	42.26	16.05	20.46	24.91	31.56	36.67
A F	HS B	26	23.31	6.79	6.71	30.86	14.40	18.38	25.50	28.71	30.39
A F	HS W	166	26.42	8.41	6.48	45.84	16.40	19.82	25.06	33.00	38.85
A F	COLL B	14	24.45	7.18	8.94	34.66	14.70	21.00	25.50	28.13	33.90
A F	COLL W	351	27.62	8.94	-1.34	65.07	16.20	21.53	27.67	33.18	38.68
A F	D.K. B	12	28.83	11.34	11.85	51.88	14.10	19.50	28.50	34.50	42.90
A F	D.K. W	49	28.26	7.31	9.39	49.64	18.40	23.89	28.65	33.15	36.41
N M	ELEM B	53	17.82	9.57	-0.89	36.22	6.80	10.59	15.86	26.25	30.94
N M	ELEM W	225	19.86	8.85	-15.88	53.89	8.81	14.98	19.46	25.04	30.82
N M	HS B	39	18.65	8.63	2.68	41.14	8.85	12.54	18.25	23.85	29.60
N M	HS W	162	20.51	10.33	-6.71	64.62	8.01	13.75	20.34	26.68	32.55
N M	COLL B	20	20.02	6.20	8.72	30.86	12.00	15.00	19.50	24.00	29.50
N M	COLL W	119	22.04	10.80	-3.58	49.19	8.31	14.03	21.92	29.04	35.55
N M	D.K. B	44	20.73	10.90	-1.34	43.16	8.10	12.64	18.50	24.45	32.16
N M	D.K. W	79	18.47	9.52	-6.71	38.24	6.24	11.88	18.00	24.45	32.16
N F	ELEM B	78	19.79	8.80	0.67	41.81	8.40	13.31	18.86	25.80	31.65
N F	ELEM W	289	22.25	8.49	-2.24	49.64	11.69	16.52	22.09	27.45	33.28
N F	HS B	51	20.37	7.19	6.04	37.57	11.33	15.54	19.36	26.17	28.47
N F	HS W	199	23.64	8.75	0.00	43.83	11.98	17.72	23.81	29.91	34.34
N F	COLL B	19	23.43	6.86	9.84	36.45	14.85	18.25	24.75	28.69	30.82
N F	COLL W	153	24.23	10.19	-10.96	50.31	10.99	17.75	24.32	30.85	36.73
N F	D.K. B	53	18.33	8.15	3.35	38.24	8.48	11.93	17.67	24.56	29.20
N F	D.K. W	80	21.47	10.71	-7.16	51.43	8.00	15.00	21.81	27.50	35.11
TOTAL		3242	23.59	9.51	-15.88	65.07	11.62	17.25	23.59	30.05	35.61

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 109

STEP WRITING, 2ND ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1579	0.16	8.12	-30.00	34.50	-10.11	-4.69	0.07	5.33	10.03
NON-ACADEMIC		1663	1.13	8.43	-34.50	30.50	-9.30	-4.22	0.94	6.53	11.88
MALES		1535	0.87	8.76	-30.00	34.50	-10.13	-4.58	0.66	6.40	11.62
FEMALES		1707	0.48	7.85	-34.50	25.00	-9.32	-4.35	0.38	5.56	10.46
ELEM F.ED.		980	1.12	7.95	-32.50	26.00	-8.60	-4.09	0.90	6.35	11.34
HS F.ED.		872	0.88	8.46	-29.00	34.50	-9.85	-4.25	0.72	6.05	11.05
COLL F.ED.		1024	-0.20	8.45	-34.50	29.00	-10.75	-5.36	-0.16	5.18	10.03
D.K.F.ED.		366	1.34	8.20	-20.00	26.50	-8.93	-3.76	0.77	6.78	12.51
BLACK		523	2.24	7.90	-20.50	26.50	-7.99	-2.77	1.97	7.35	12.31
WHITE		2719	0.36	8.34	-34.50	34.50	-9.99	-4.78	0.24	5.63	10.68
NOT IN SAMPLE		257	2.08	8.00	-18.00	29.00	-8.90	-3.16	2.28	6.77	12.49

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM B	18	-0.11	7.50	-13.50	-11.70	-5.25	0.30	4.00	9.30
A	M	ELEM W	150	0.88	7.94	-22.00	-9.00	-3.98	0.92	5.87	10.80
A	M	HS B	27	3.92	7.92	-8.50	-4.95	-1.69	4.00	8.25	16.80
A	M	HS W	202	1.01	9.01	-21.00	-9.90	-5.00	0.73	6.48	11.85
A	M	COLL B	18	2.69	7.63	-12.50	-6.30	-2.25	2.25	7.88	9.90
A	M	COLL W	330	-0.70	8.81	-30.00	-11.36	-6.00	-0.87	4.77	9.71
A	M	D.K. B	15	5.17	8.78	-9.00	-6.75	0.75	5.40	7.87	15.00
A	M	D.K. W	34	-0.72	6.67	-16.50	-8.40	-4.80	-0.64	4.12	6.80
A	F	ELEM B	36	1.71	9.28	-20.50	-9.30	-3.90	0.64	7.50	14.90
A	F	ELEM W	131	1.22	6.90	-21.00	-6.55	-2.96	1.31	5.64	10.13
A	F	HS B	26	1.08	8.51	-13.50	-10.90	-4.13	1.50	6.37	11.10
A	F	HS W	166	-0.46	7.22	-18.00	-10.85	-4.58	-0.21	3.98	7.63
A	F	COLL B	14	4.39	6.31	-11.00	-1.10	1.00	5.70	8.00	10.10
A	F	COLL W	351	-0.83	7.81	-24.00	-10.94	-5.66	-0.83	4.31	9.36
A	F	O.K. B	12	1.04	6.04	-8.00	-4.35	-3.00	-0.00	7.50	10.20
A	F	O.K. W	43	-0.18	7.34	-18.50	-9.26	-4.42	-0.56	5.25	9.69
N	M	ELEM B	53	0.90	7.00	-16.00	-8.52	-3.88	1.05	6.37	9.64
N	M	ELEM W	225	1.03	8.73	-23.50	-10.18	-5.14	0.99	6.55	12.11
N	M	HS B	39	1.99	9.07	-20.00	-11.32	-2.25	1.75	6.62	10.65
N	M	HS W	162	1.56	9.76	-29.00	-11.10	-4.26	1.66	7.94	13.44
N	M	COLL B	20	1.58	8.72	-13.00	-9.75	-7.50	0.50	6.75	12.50
N	M	COLL W	119	0.87	8.58	-28.50	-9.05	-4.21	0.75	6.87	10.55
N	M	D.K. B	44	4.18	8.45	-17.50	-4.30	-1.13	3.90	10.50	13.95
N	M	D.K. W	79	1.16	9.38	-20.00	-11.05	-4.97	0.20	6.84	14.76
N	F	ELEM B	78	1.89	6.96	-12.50	-6.74	-3.63	0.86	7.33	10.70
N	F	ELEM W	289	1.09	8.09	-32.50	-8.52	-4.32	0.69	6.48	11.74
N	F	HS B	51	1.46	8.00	-17.50	-9.84	-3.38	1.67	6.32	12.24
N	F	HS W	199	0.49	7.65	-22.00	-8.45	-4.18	0.18	5.18	9.92
N	F	COLL B	19	1.87	9.03	-19.00	-10.80	-2.25	2.63	6.75	10.80
N	F	COLL W	153	0.22	8.94	-34.50	-10.80	-5.42	0.98	5.09	11.23
N	F	D.K. B	53	3.41	7.29	-14.00	-5.20	-1.41	3.15	7.87	14.23
N	F	D.K. W	80	-0.26	7.97	-19.00	-10.13	-5.00	-0.81	5.17	11.25
TOTAL		3242	0.66	8.29	-34.50	34.50	-9.70	-4.44	0.51	5.95	10.99

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

STEP WRITING, 0 ORDER TREND

TABLE 110

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	240369572.1250	3241	239622977.9497	1040214.0000	0.0000
MEAN	239622977.9497	1	230.3593		
ERROR	746594.153	3240			
CUR	99172.9869	1	99172.9869	091.9607	0.0000
SEX	57359.9852	1	57359.9852	400.2183	0.0000
F-ED	13214.4166	3	4404.8055	30.7337	0.0000
RACE	49705.2452	1	49705.2452	346.8088	0.0000
ERROR	463645.4195	3234	143.3217		
CS	3.4058	1	3.4058	0.0240	0.8770
CF	1632.4704	3	544.1568	3.8298	0.0096
CR	823.1028	1	823.1028	5.7931	0.0163
SF	1640.2205	3	546.7402	3.8480	0.0092
SR	1151.8678	1	1151.8678	8.1070	0.0046
FR	196.0042	3	65.3347	0.4598	0.7104
ERROR	457934.7994	3222	142.0835		
CSF	739.2695	3	246.4232	1.7358	0.1575
CSR	675.2984	1	675.2984	4.7568	0.0292
CFR	310.7842	3	103.5947	0.7297	0.5340
SFR	242.8501	3	80.9500	0.5702	0.6344
ERROR	456131.8862	3212	141.9645		
CSFR	627.6290	3	209.2097	1.4743	0.2195
ERROR	455504.2572	3209	141.9017		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
N	number of degrees of freedom
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP WRITING, 1ST ORDER TREND

TABLE 111

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		2096734.9777	3241			
MEAN		1803822.8734	1	1803822.8734	19958.8438	0.0000
ERROR		292912.1044	3240	90.3771		
CUR		12328.6703	1	12328.6703	148.7422	0.0000
SEX		2946.7566	1	2946.7566	35.5518	0.0001
F.ED		1832.3975	3	610.7992	7.3691	0.0001
RACE		1590.6350	1	1590.6350	19.1906	0.0001
ERROR		268136.6196	3234	82.8862		
CS		126.7205	1	126.7205	1.5329	0.2159
CF		1158.0871	3	386.0290	4.6697	0.0031
CR		0.2012	1	0.2012	0.0024	0.9607
SF		125.2654	3	41.7551	0.5051	0.6785
SR		117.7457	1	117.7457	1.4243	0.2330
FR		220.3603	3	73.4534	0.8886	0.4461
ERROR		266434.0406	3222	82.6665		
CSF		14.7730	3	4.9243	0.0594	0.9809
CSR		34.2240	1	34.2240	0.4131	0.5205
CFR		40.1888	3	13.3963	0.1617	0.9220
SFR		135.5595	3	45.1865	0.5455	0.6509
ERROR		266158.3019	3212	82.8380		
CSFR		232.2657	3	77.4219	0.9346	0.4229
ERROR		265926.0362	3209	82.8430		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP WRITING, 2ND ORDER TREND

TABLE 112

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		224395.5000	3241				
MEAN		1416.5475	1	1416.5475	20.5895	0.0001	KEY
ERROR		222578.9525	3240	68.7995			A academic B black BEQ Background and Experience Questionnaire COLL college CF curriculum-father's education interaction CR curriculum-race interaction CS curriculum-sex interaction CUR curriculum D.K. respondent did not know ELEM elementary school F female F.ED father's education HS high school M male MAX maximum MIN minimum N (when in "curriculum" column) non-academic N number of cases NDF number of degrees of freedom SCAT School and College Ability Tests S.D. standard deviation STEP Sequential Tests of Educational Progress TGI Test of General Information W white * no valid statistic (N < 5)
CUR		242.1148	1	242.1148	3.5558	0.0594	
SEX		168.3405	1	168.3405	2.4723	0.1162	
F.ED		485.2008	3	161.7336	2.3753	0.0683	
RACE		1047.0988	1	1047.0988	15.3780	0.0002	
ERROR		220273.5351	3234	68.0908			
CS		0.8696	1	0.8696	0.0128	0.9100	
CF		87.9089	3	29.3030	0.4310	0.7308	
CR		73.9736	1	73.9736	1.0880	0.2973	
SF		346.4577	3	115.4859	1.6986	0.1652	
SR		11.6010	1	11.6010	0.1706	0.6797	
FR		604.2143	3	201.4048	2.9623	0.0311	
ERROR		219126.5577	3222	67.9884			
CSF		52.4525	3	17.4842	0.2567	0.8564	
CSR		31.0825	1	31.0825	0.4564	0.4994	
CFR		141.8289	3	47.2763	0.6941	0.5555	
SFR		71.5306	3	23.8435	0.3501	0.7891	
ERROR		218932.0489	3212	68.1085			
CSFR		107.5027	3	35.8342	0.5259	0.6643	
ERROR		218725.1462	3209	68.1387			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SCALE A (INDUSTRIAL ARTS), GRADE 5, 1961

TABLE 113

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1834	6.66	3.11	0.0	15.00	2.65	4.30	6.50	8.81	11.00
NON-ACADEMIC		1827	4.69	2.59	0.0	14.00	1.59	2.79	4.36	6.29	8.27
MALES		1721	6.33	3.31	0.0	15.00	2.15	3.72	6.05	8.66	11.07
FEMALES		1940	5.09	2.62	0.0	14.00	1.84	3.12	4.84	6.85	8.69
ELEM F.ED.		1049	5.02	2.76	0.0	14.00	1.72	2.87	4.71	6.85	8.82
HS F.ED.		961	5.51	2.93	0.0	15.00	1.98	3.37	5.15	7.27	9.56
COLL F.ED.		1234	6.70	3.11	0.0	15.00	2.74	4.29	6.56	8.88	11.08
D.K.F.ED.		417	4.68	2.90	0.0	14.00	1.26	2.66	4.33	6.31	8.44
BLACK		580	3.40	2.21	0.0	12.00	0.85	1.81	3.02	4.67	6.32
WHITE		3081	6.10	2.97	0.0	15.00	2.51	3.85	5.83	8.05	10.26
NOT IN SAMPLE		5103	5.12	2.95	0.0	15.00	1.64	2.88	4.70	6.99	9.31

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	3.72	2.40	1.00	1.10	1.88	3.50	5.00	6.70
A	M	ELEM	W	160	6.68	3.22	0.0	2.40	4.23	6.68	8.97	10.87
A	M	HS	B	30	4.23	2.94	0.0	0.90	1.80	3.83	6.12	8.00
A	M	HS	W	228	7.27	3.28	1.00	2.91	4.71	7.04	9.78	11.98
A	M	COLL	B	20	4.80	2.95	2.00	2.00	2.21	4.50	7.00	9.50
A	M	COLL	W	397	8.38	3.17	0.0	3.95	6.06	8.51	10.78	12.43
A	M	D.K.	B	16	3.31	2.02	0.0	0.30	1.50	3.50	4.50	5.90
A	M	D.K.	W	38	7.63	2.95	1.00	3.43	5.59	7.50	10.00	11.57
A	F	ELEM	B	36	3.81	2.18	0.0	1.59	2.36	3.39	5.00	6.10
A	F	ELEM	W	147	5.64	2.59	0.0	2.09	3.49	5.76	7.37	8.91
A	F	HS	B	26	3.54	2.60	0.0	0.70	2.00	3.06	4.33	7.20
A	F	HS	W	187	6.13	2.47	1.00	2.95	4.29	6.03	7.60	9.46
A	F	COLL	B	15	4.07	2.49	0.0	1.67	2.42	3.38	5.75	8.00
A	F	COLL	W	447	6.46	2.50	0.0	3.36	4.57	6.40	8.12	9.81
A	F	D.K.	B	13	3.69	2.18	0.0	0.80	2.81	3.60	4.25	6.20
A	F	D.K.	W	56	5.75	3.03	0.0	1.82	3.21	5.70	7.75	9.98
N	M	ELEM	B	54	3.48	2.30	0.0	0.84	1.79	2.95	5.08	6.90
N	M	ELEM	W	239	5.42	2.76	0.0	2.04	3.18	5.22	7.43	9.11
N	M	HS	B	50	3.80	2.11	0.0	1.00	2.43	3.72	5.11	6.50
N	M	HS	W	171	5.42	2.60	0.0	2.24	3.49	5.28	6.94	8.99
N	M	COLL	B	21	3.71	2.37	0.0	0.87	2.12	3.40	4.94	6.95
N	M	COLL	W	141	6.70	2.87	1.00	2.92	4.65	6.48	8.80	10.68
N	M	D.K.	B	52	3.02	2.05	0.0	0.80	1.36	2.50	4.33	5.90
N	M	D.K.	W	86	5.07	2.44	0.0	2.10	3.53	4.80	6.44	8.40
N	F	ELEM	B	309	3.17	2.01	0.0	1.01	1.79	2.68	4.25	5.99
N	F	ELEM	W	56	4.56	2.26	0.0	1.79	2.96	4.31	6.02	7.74
N	F	HS	B	213	2.66	1.60	0.0	0.78	1.42	2.86	4.08	5.07
N	F	HS	W	22	4.66	2.19	0.0	1.94	3.23	4.40	6.01	7.89
N	F	COLL	B	171	2.50	2.41	0.0	0.23	1.00	1.93	3.00	5.40
N	F	COLL	W	65	4.81	2.44	1.00	1.92	3.06	4.40	6.37	7.99
N	F	D.K.	B	91	2.91	1.74	0.0	0.69	1.73	2.77	3.85	5.43
N	F	D.K.	W	91	5.01	2.55	0.0	1.85	3.25	4.71	6.45	8.47
TOTAL				3661	5.68	3.03	0.0	1.97	3.35	5.34	7.64	9.95

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

Table 114

TGI SCALE A (INDUSTRIAL ARTS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
I	ACADEMIC	1804	6.37	2.63	0.0	15.00	3.07	4.54	6.20	8.04	9.92
I	NON-ACADEMIC	1789	4.95	2.40	0.0	14.00	1.98	3.24	4.77	6.42	8.11
I	MALES	1682	6.51	2.82	0.0	15.00	2.86	4.51	6.35	8.35	10.34
I	FEMALES	1911	4.91	2.15	0.0	12.00	2.10	3.41	4.84	6.38	7.76
I	ELEM F.ED.	1032	5.23	2.45	0.0	13.00	2.21	3.51	5.01	6.80	8.47
I	HS F.ED.	948	5.61	2.59	0.0	15.00	2.37	3.80	5.37	7.19	9.08
I	COLL F.ED.	1210	6.36	2.67	0.0	15.00	2.98	4.50	6.13	8.06	10.02
I	D.K.F.ED.	403	4.82	2.38	0.0	13.00	1.78	3.03	4.66	6.58	7.90
I	BLACK	561	3.81	2.05	0.0	13.00	1.34	2.26	3.67	5.13	6.44
I	WHITE	3032	6.00	2.56	0.0	15.00	2.83	4.18	5.79	7.60	9.42
I	NOT IN SAMPLE	4373	5.04	2.58	0.0	15.00	1.87	3.12	4.79	6.65	8.47

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
I	A M ELEM B	18	3.78	1.52	1.00	7.00	1.77	2.67	3.83	4.67	5.70
I	A M ELEM W	155	6.91	2.64	0.0	13.00	3.33	5.37	6.90	8.47	10.38
I	A M HS B	29	4.55	2.11	2.00	9.00	2.00	2.56	4.37	6.42	7.32
I	A M HS W	224	7.01	2.72	1.00	15.00	3.72	4.95	6.97	8.77	10.38
I	A M COLL B	19	4.68	1.97	2.00	11.00	2.45	3.63	4.42	5.56	6.27
I	A M COLL W	389	8.02	2.70	2.00	15.00	4.69	6.04	7.93	9.90	11.62
I	A M D.K. B	15	4.80	2.31	2.00	9.00	2.00	2.75	4.25	6.81	7.38
I	A M D.K. W	38	7.42	2.32	3.00	13.00	4.06	6.00	7.37	8.87	10.30
I	A F ELEM B	35	4.00	1.93	0.0	9.00	1.13	2.79	4.25	5.22	6.12
I	A F ELEM W	145	5.26	2.29	1.00	11.00	2.44	3.63	5.08	6.82	8.32
I	A F HS B	27	4.70	1.90	2.00	10.00	2.18	3.19	4.80	5.96	6.65
I	A F HS W	185	5.56	2.26	0.0	12.00	2.69	3.99	5.46	7.13	8.47
I	A F COLL B	15	4.93	1.83	2.00	9.00	2.25	3.75	5.25	6.04	6.42
I	A F COLL W	443	5.85	2.01	0.0	12.00	3.31	4.43	5.79	7.22	8.43
I	A F D.K. B	12	4.42	1.68	0.0	9.00	0.70	2.50	4.83	6.50	7.40
I	A F D.K. W	56	5.54	2.02	1.00	10.00	2.90	4.17	5.50	7.00	8.10
I	N M ELEM B	54	4.19	2.25	0.0	10.00	1.20	2.60	4.40	5.33	6.80
I	N M ELEM W	235	6.00	2.50	0.0	13.00	2.84	4.22	5.72	7.75	9.40
I	N M HS B	46	4.09	1.91	0.0	8.00	1.79	2.56	4.00	5.25	6.98
I	N M HS W	170	6.42	2.65	0.0	14.00	3.20	4.73	6.14	7.77	10.17
I	N M COLL B	21	4.90	3.21	0.0	13.00	1.72	2.35	4.33	6.42	8.45
I	N M COLL W	134	6.51	2.67	1.00	13.00	3.04	4.41	6.36	8.47	9.77
I	N M D.K. B	51	3.84	1.85	0.0	8.00	1.69	2.39	3.82	5.08	6.28
I	N M D.K. W	85	5.48	2.33	1.00	13.00	2.43	3.69	5.38	7.27	8.23
I	N F ELEM B	85	3.29	1.80	0.0	8.00	1.06	1.96	3.08	4.57	5.86
I	N F ELEM W	305	4.70	1.85	0.0	10.00	2.51	3.43	4.57	5.91	7.26
I	N F HS B	55	3.25	1.69	0.0	8.00	1.06	1.98	3.15	4.34	5.43
I	N F HS W	212	4.70	2.01	0.0	10.00	1.98	3.46	4.65	6.05	7.30
I	N F COLL B	21	2.43	1.29	0.0	5.00	0.78	1.54	2.29	3.44	4.22
I	N F COLL W	169	4.73	1.95	0.0	11.00	2.13	3.26	4.75	6.07	7.39
I	N F D.K. B	58	2.72	1.66	0.0	7.00	0.70	1.32	2.70	3.78	4.94
I	N F D.K. W	89	4.59	1.78	1.00	9.00	2.23	3.25	4.61	5.90	6.97
TOTAL		3593	5.66	2.61	0.0	15.00	2.42	3.81	5.42	7.30	9.16

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

Table 115

TGI SCALE A (INDUSTRIAL ARTS), GRADE 9, 1965

CLASSIFICATION										PERCENTILES									
MARGINALS	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90									
ACADEMIC	1775	6.28	2.56	0.0	14.00	3.00	4.36	6.12	8.08	9.86									
NON-ACADEMIC	1765	4.85	2.37	0.0	13.00	1.90	3.05	4.60	6.40	8.22									
MALES	1659	6.81	2.48	0.0	14.00	3.47	5.02	6.81	8.62	10.06									
FEMALES	1881	4.47	2.10	0.0	13.00	1.86	2.95	4.29	5.78	7.28									
ELEM F.ED.	984	5.17	2.39	0.0	13.00	2.26	3.41	4.94	6.66	8.48									
HS F.ED.	935	5.50	2.53	0.0	13.00	2.38	3.53	5.26	7.31	9.09									
COLL F.ED.	1216	6.18	2.64	0.0	14.00	2.74	4.27	6.05	8.05	9.79									
D.K.F.ED.	405	4.81	2.44	0.0	13.00	1.84	2.97	4.41	6.43	8.20									
BLACK	572	3.91	2.04	0.0	11.00	1.50	2.45	3.65	5.14	6.74									
WHITE	2968	5.88	2.54	0.0	14.00	2.08	3.97	5.70	7.64	9.39									
NOT IN SAMPLE	4844	5.06	2.52	0.0	13.00	1.93	3.17	4.78	6.72	8.60									
CLASSIFICATION										PERCENTILES									
CUR SEX F-ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90									
A M ELEM B	17	4.82	1.85	2.00	8.00	2.64	3.15	4.75	6.42	7.27									
A M ELEM W	151	7.23	2.23	3.00	13.00	4.41	5.53	7.19	8.89	10.21									
A M HS B	30	5.03	2.22	1.00	11.00	2.50	3.69	4.64	6.25	8.17									
A M HS W	219	7.54	2.29	2.00	13.00	4.37	5.95	7.46	9.29	10.57									
A M COLL B	20	5.55	2.16	1.00	11.00	3.50	4.25	5.30	6.75	7.50									
A M COLL W	393	7.96	2.31	2.00	14.00	4.88	6.35	7.90	9.71	10.93									
A M D.K. B	16	5.31	1.92	3.00	9.00	3.00	3.50	5.70	6.50	7.90									
A M D.K. W	37	7.84	2.06	3.00	12.00	5.20	6.75	8.00	9.17	10.07									
A F ELEM B	36	3.50	1.40	1.00	6.00	1.62	2.59	3.41	4.39	5.60									
A F ELEM W	126	4.92	2.01	1.00	11.00	2.53	3.47	4.79	6.43	7.46									
A F HS B	27	3.59	1.78	1.00	10.00	1.68	2.58	3.33	4.37	5.32									
A F HS W	179	5.10	2.11	0.0	11.00	2.49	3.52	4.96	6.57	8.04									
A F COLL B	13	3.85	2.19	0.0	8.00	1.80	2.75	3.40	4.42	7.85									
A F COLL W	444	5.45	2.15	0.0	13.00	2.75	3.98	5.28	6.80	8.31									
A F D.K. B	12	4.17	2.17	1.00	8.00	1.57	2.17	2.17	4.50	6.43									
A F D.K. W	55	4.93	2.14	1.00	11.00	2.62	3.25	4.78	5.83	6.43									
N M ELEM B	55	4.62	2.00	1.00	10.00	2.08	3.07	4.62	5.91	7.08									
N M ELEM W	220	6.48	2.17	2.00	13.00	3.61	5.00	6.37	7.94	9.50									
N M HS B	50	5.14	2.12	1.00	10.00	2.50	3.81	5.04	6.43	8.17									
N M HS W	163	6.44	2.24	1.00	11.00	3.16	4.93	6.40	8.27	9.31									
N M COLL B	21	5.19	2.40	2.00	10.00	2.03	3.71	4.67	6.94	8.95									
N M COLL W	135	6.91	2.31	1.00	13.00	3.35	5.26	7.35	8.59	9.44									
N M D.K. B	50	3.88	1.96	0.0	9.00	1.63	2.54	3.50	5.11	6.50									
N M D.K. W	82	5.89	2.47	1.00	13.00	2.78	3.91	5.93	7.73	8.66									
N F ELEM B	86	3.12	1.57	0.0	8.00	1.10	2.00	3.02	4.06	5.17									
N F ELEM W	293	4.17	1.84	0.0	12.00	1.82	2.93	4.10	5.29	6.43									
N F HS B	56	3.05	1.59	1.00	8.00	1.30	1.91	2.77	3.87	5.18									
N F HS W	211	4.03	1.75	0.0	9.00	1.81	2.84	3.90	5.15	6.39									
N F COLL B	20	2.30	1.30	1.00	5.00	1.00	1.21	2.00	3.50	4.25									
N F COLL W	170	4.24	2.06	0.0	12.00	1.73	2.67	4.10	5.57	7.00									
N F D.K. B	33	2.94	1.61	0.0	7.00	0.87	1.75	2.85	4.02	5.17									
N F D.K. W	50	4.32	1.91	0.0	9.00	1.83	2.92	4.18	5.75	6.87									
TOTAL	3540	5.56	2.97	0.0	14.00	2.37	3.62	5.34	7.32	9.17									

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 116

TGI SCALE A (INDUSTRIAL ARTS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1800	9.78	2.49	0.0	15.00	6.32	8.22	10.00	11.55	12.90
NON-ACADEMIC		1770	7.93	2.58	0.0	15.00	4.62	6.15	8.02	9.71	11.30
MALES		1676	8.13	2.61	0.0	15.00	4.68	6.32	8.22	10.03	11.39
FEMALES		1894	9.52	2.60	0.0	15.00	5.91	7.84	9.66	11.45	12.78
ELEM F.ED.		1045	8.23	2.60	0.0	15.00	4.86	6.38	8.28	10.12	11.61
HS F.ED.		955	8.69	2.64	0.0	15.00	5.15	6.88	8.84	10.57	12.06
COLL F.ED.		1231	9.85	2.43	2.00	15.00	6.52	8.26	10.06	11.60	12.94
D.K.F.ED.		339	7.76	2.90	0.0	15.00	3.99	5.56	7.79	9.77	11.70
BLACK		548	6.93	2.53	0.0	14.00	3.61	5.31	6.86	8.67	10.28
WHITE		3022	9.22	2.57	0.0	15.00	5.72	7.53	9.34	11.10	12.46
NUT IN SAMPLE		3409	8.12	2.75	0.0	15.00	4.33	6.18	8.28	10.15	11.60

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F.ED RACE											
A M ELEM B		18	6.83	2.23	0.0	11.00	4.30	6.13	7.25	8.00	8.39
A M ELEM W		160	8.39	2.55	1.00	13.00	4.90	6.62	8.43	10.54	11.57
A M HS B		30	6.90	2.45	2.00	12.00	3.75	5.25	6.83	8.62	10.50
A M HS W		228	9.00	2.28	3.00	14.00	5.96	7.67	8.99	10.50	11.94
A M COLL B		20	7.20	1.85	4.00	10.00	4.50	6.00	7.17	8.50	9.83
A M COLL W		397	9.80	2.17	3.00	15.00	6.75	8.48	9.92	11.25	12.59
A M D.K. B		11	6.73	2.83	1.00	11.00	4.55	5.38	6.33	9.62	10.45
A M D.K. W		25	8.80	2.68	3.00	15.00	6.00	6.96	8.80	10.42	12.75
A F ELEM B		37	8.89	2.13	5.00	13.00	5.43	7.54	9.08	10.34	11.36
A F ELEM W		147	9.84	2.39	3.00	14.00	6.34	8.61	10.02	11.51	12.86
A F HS B		26	8.42	2.80	3.00	12.00	4.65	5.75	9.00	10.87	11.85
A F HS W		185	10.38	2.36	4.00	15.00	7.09	8.81	10.61	12.12	13.37
A F COLL B		15	8.67	2.85	4.00	13.00	4.75	6.25	8.75	11.12	12.25
A F COLL W		447	11.13	1.93	4.00	15.00	9.69	9.92	11.24	12.52	13.45
A F D.K. B		12	9.33	2.84	4.00	12.00	4.7	6.50	10.50	11.50	12.00
A F D.K. W		42	10.14	2.61	4.00	14.00	8.60	8.40	10.37	12.14	13.26
N M ELEM B		54	5.89	2.27	1.00	10.00	2.80	4.00	6.00	7.75	8.70
N M ELEM W		250	7.08	2.13	2.00	14.00	4.52	5.62	7.00	8.40	9.93
N M HS B		48	6.10	2.51	0.0	11.00	2.43	4.79	6.14	7.83	9.37
N M HS W		170	7.35	2.35	2.00	12.00	3.55	5.66	7.30	9.22	10.36
N M COLL B		21	6.43	1.99	3.00	10.00	3.55	5.12	6.40	7.87	9.13
N M COLL W		141	8.24	2.29	2.00	13.00	4.96	6.64	8.40	10.06	11.02
N M D.K. B		42	5.50	2.31	2.00	9.00	2.20	3.63	5.28	7.43	8.66
N M D.K. W		7	6.88	2.47	0.0	12.00	3.67	5.23	7.18	8.45	9.80
N F ELEM B		84	6.93	2.45	0.0	13.00	3.98	5.60	6.72	8.50	10.30
N F ELEM W		309	9.01	2.36	1.00	15.00	5.95	7.65	9.08	10.70	12.00
N F HS B		55	6.95	1.99	2.00	11.00	4.33	5.65	7.00	8.43	9.44
N F HS W		213	9.27	2.31	1.00	15.00	6.27	7.90	9.30	10.89	12.15
N F COLL B		21	7.43	2.34	3.00	14.00	5.53	6.31	7.00	7.87	10.40
N F COLL W		169	9.10	2.35	2.00	14.00	6.19	7.43	8.95	10.90	12.34
N F D.K. B		54	6.72	2.50	2.00	13.00	3.58	5.00	6.50	8.42	9.90
N F D.K. W		78	8.81	2.53	4.00	14.00	4.97	7.20	8.97	10.57	12.15
TOTAL		3570	8.87	2.69	0.0	15.00	5.25	7.00	9.01	10.86	12.31

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE A (INDUSTRIAL ARTS), GRADE 5, 1961

TABLE 117

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		151454.0000	3660				
MEAN		117925.4092	1	117925.4092	12872.7969		0.0000
ERROR		33528.5908	3659	9.1608			
CUR		1554.2958	1	1554.2958	219.7698		0.0000
SEX		1179.4461	1	1179.4461	166.7679		0.0000
F.ED		474.8121	3	158.2707	22.3787		0.0000
RACE		2098.7227	1	2098.7227	296.7490		0.0000
ERROR		25842.4748	3653	7.0724			
CS		10.0552	1	10.0552	1.4434		0.2298
CF		34.1092	3	11.3697	1.6321		0.1798
CR		62.2440	1	62.2440	8.9351		0.0030
SF		158.0227	3	52.6742	7.5614		0.0001
SR		29.9161	1	29.9161	4.2945		0.0383
FR		39.8548	3	13.2849	1.9071		0.1262
ERROR		25370.9544	3641	6.9662			
CSF		30.0262	3	10.0087	1.4362		0.2302
CSR		18.4645	1	18.4645	2.6495		0.1041
CFR		8.1117	3	2.7039	0.3880		0.7613
SFK		11.9827	3	3.9942	0.5732		0.6325
ERROR		25311.0733	3631	6.9689			
CSFR		10.3696	3	3.4565	0.4958		0.6852
ERROR		25300.7037	3628	6.9718			

KEY	
A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SCALE A (INDUSTRIAL ARTS), GRADE 7, 1963

TABLE 118

***** ANALYSIS OF VARIANCE TABLE *****
1

DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL		139674.0000	3592			
MEAN		115167.4577	1	115167.4577	16880.4453	0.0000
ERROR		24506.5423	3591	6.8225		
CUR		724.9926	1	724.9926	138.6403	0.0000
SEX		2088.6013	1	2088.6013	399.4031	0.0000
F.ED		191.4820	3	63.8273	12.2057	0.0001
RACE		1428.6422	1	1428.6422	273.1990	0.0000
ERROR		18752.2890	3585	5.2293		
CS		0.1853	1	0.1853	0.0358	0.8500
CF		66.9051	3	22.3017	4.3095	0.0050
CR		1.4505	1	1.4505	0.2803	0.5967
SF		62.3685	3	20.7895	4.0172	0.0073
SR		65.1289	1	65.1289	12.5851	0.0005
FR		4.6086	3	1.5362	0.2968	0.8275
ERROR		18495.6782	3573	5.1751		
CSF		19.1301	3	6.3767	1.2347	0.2954
CSR		57.3555	1	57.3555	11.1055	0.0010
CFR		10.3094	3	3.4365	0.6654	0.5731
SFR		8.7258	3	2.9086	0.5632	0.6390
ERROR		18406.7002	3563	5.1546		
CSFK		15.8178	3	5.2726	1.0209	0.3821
ERROR		18390.8824	3560	5.1645		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE A (INDUSTRIAL ARTS), GRADE 9, 1965

TABLE 119

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		132893.0000	3539				
MEAN		109574.2272	1	109574.2272	16629.6484	0.0000	
ERROR		23318.7728	3538	6.591			
SEX		721.5780	1	721.5780	163.5349	0.0000	
F-ED		4522.0756	1	4522.0756	1024.8606	0.0000	
RACE		108.9566	3	36.3189	8.2311	0.0001	
		1117.1743	1	1117.1743	253.1908	0.0000	
		15588.9356	3532	4.4124			
CS		0.0007	1	0.0007	0.0002	0.9899	
CF		27.1694	3	9.0565	2.0694	0.1022	
CR		18.1452	1	18.1452	4.1461	0.0420	
SF		32.6460	3	10.8820	2.4865	0.0589	
SR		53.1716	1	53.1716	12.1495	0.0006	
FR		7.8575	3	2.6192	0.5985	0.6159	
		15409.4592	3520	4.3764			
CSF		29.6993	3	9.8998	2.2639	0.0790	
CSR		10.1420	1	10.1420	2.3193	0.1280	
CFR		10.5491	3	3.5164	0.8041	0.4913	
SFR		8.0454	3	2.6818	0.6137	0.6062	
		15353.2914	3510	4.3729			
CSFR		3.0879	3	1.0293	0.2352	0.8720	
ERROR		15350.2035	3507	4.3758			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SC E A (INDUSTRIAL ARTS), GRADE 11, 1967

TABLE 1/6

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	306526.0000	3569			
MEAN	280629.8040	1	280629.8040	38676.2344	0.0000
ERROR	25890.1960	3558	7.2559		
CUR	1630.7168	1	1630.7168	310.6353	0.0000
SEX	1931.1205	1	1931.1205	377.4980	0.0000
F.ED	497.6842	3	165.8947	31.6013	0.0000
RACE	1367.7210	1	1367.7210	260.5371	0.0000
ERROR	18704.3747	3562	5.2496		
CS	0.0425	1	0.0425	0.0081	0.9282
CF	49.2311	3	16.4104	3.1370	0.0245
CR	0.0117	1	0.0117	0.0022	0.9623
SF	38.7701	3	12.9234	2.4704	0.0602
SR	13.1639	1	13.1639	2.5164	0.1131
FR	20.9835	3	6.9945	1.3371	0.2605
ERROR	18575.9850	3550	5.2314		
CSF	30.4071	3	10.1357	1.9411	0.1207
CSR	31.7985	1	31.7985	6.0899	0.0136
CFR	18.7460	3	6.2487	1.1967	0.3095
SFR	6.0517	3	2.0172	0.3863	0.7626
ERROR	18489.2971	3540	5.2215		
CSFR	8.9854	3	2.9951	0.5734	0.6325
ERROR	18480.3116	3537	5.2234		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
N	number of degrees of freedom
NDT	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 121

TGI SCALE B (HOME ARTS), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1834	7.21	2.83	0.0	15.00	3.99	5.78	7.87	9.79	11.54
NON-ACADEMIC		1827	5.88	2.65	0.0	15.00	2.46	3.89	5.81	7.65	9.39
MALES		1721	6.49	2.79	0.0	15.00	2.80	4.50	6.46	8.44	10.10
FEMALES		1940	7.16	2.97	0.0	15.00	3.20	4.96	7.08	9.32	11.22
ELEM F.ED.		1049	6.23	2.78	0.0	14.00	2.69	4.17	6.13	8.15	9.98
HS F.ED.		961	6.70	2.93	0.0	15.00	2.91	4.60	6.57	8.74	10.60
COLL F.ED.		1234	7.85	2.77	0.0	15.00	4.12	5.89	7.91	9.79	11.45
D.K.F.ED.		417	5.75	2.72	0.0	15.00	2.32	3.64	5.73	7.41	9.34
BLACK		580	4.31	2.20	0.0	12.00	1.65	2.68	4.07	5.75	7.37
WHITE		3081	7.32	2.78	0.0	15.00	3.65	5.36	7.25	9.25	11.04
NOT IN SAMPLE		5103	5.93	2.88	0.0	15.00	2.23	3.79	5.74	7.93	9.88

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	18	3.54	1.83	1.77	2.63	3.75	5.00	6.70
A	M	ELEM	W	160	6.97	2.80	3.55	4.83	7.12	8.92	10.50
A	M	HS	B	30	4.57	2.53	1.17	3.25	4.28	6.00	8.00
A	M	HS	W	228	7.45	2.77	4.03	5.44	7.20	9.31	11.26
A	M	COLL	B	20	5.10	2.36	2.50	3.25	4.70	6.50	9.00
A	M	COLL	W	397	8.04	2.51	4.77	6.32	8.11	9.61	11.20
A	M	D.K.	B	16	4.38	2.28	1.30	3.00	4.00	5.83	6.90
A	M	D.K.	W	38	7.37	1.87	4.43	6.38	7.40	8.86	9.74
A	F	ELEM	B	36	5.19	1.74	3.02	3.83	5.00	6.50	7.63
A	F	ELEM	W	147	7.78	2.98	3.34	5.86	7.76	9.99	11.79
A	F	HS	B	26	5.35	2.56	2.77	3.42	4.36	7.62	8.90
A	F	HS	W	187	8.47	2.91	4.59	6.40	8.48	10.52	12.45
A	F	COLL	B	15	5.80	2.46	2.25	4.25	5.88	7.58	8.33
A	F	COLL	W	447	8.97	2.45	5.68	7.11	9.12	10.74	12.17
A	F	D.K.	B	13	5.92	2.81	2.80	4.13	5.75	7.37	9.20
A	F	D.K.	W	56	7.86	2.77	4.62	6.00	7.75	9.70	11.60
N	M	ELEM	B	54	3.96	2.31	1.27	2.09	3.32	5.62	7.42
N	M	ELEM	W	239	5.68	2.32	2.74	4.10	5.65	7.26	8.60
N	M	HS	B	50	3.66	1.98	1.17	2.29	3.42	4.67	6.75
N	M	HS	W	171	6.04	2.45	2.66	4.48	6.10	7.76	9.06
N	M	COLL	B	21	4.43	2.11	1.87	2.75	4.25	6.08	7.13
N	M	COLL	W	141	6.77	2.53	3.51	4.96	6.91	8.54	10.11
N	M	D.K.	B	52	3.85	1.99	1.52	2.30	3.50	5.50	6.70
N	M	D.K.	W	86	5.38	2.10	2.72	3.75	5.61	6.87	7.92
N	F	ELEM	B	86	3.93	1.98	1.65	2.41	3.89	5.16	6.42
N	F	ELEM	W	309	6.82	2.56	3.53	4.94	6.86	8.63	10.20
N	F	HS	B	56	4.39	2.01	1.82	2.88	4.25	5.67	7.07
N	F	HS	W	213	6.69	2.57	3.25	4.93	6.64	8.70	9.96
N	F	COLL	B	22	4.18	2.54	1.70	2.25	3.75	5.75	7.40
N	F	COLL	W	171	6.79	2.75	3.20	4.81	6.42	8.51	10.98
N	F	D.K.	B	65	4.06	2.03	1.42	2.52	4.00	5.48	6.80
N	F	D.K.	W	91	6.62	2.73	3.12	4.65	6.53	8.16	10.28
TOTAL		3661	6.85	2.91	0.0	15.00	2.97	4.72	6.78	8.91	10.72

KEY

A academic
 B Black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 122

TGI SCALE B (HUME ARTS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1804	7.31	2.35	0.0	15.00	4.27	5.69	7.28	8.94	10.35	
NON-ACADEMIC		1789	5.81	2.24	0.0	13.00	2.90	4.24	5.75	7.32	8.82	
MALES		1682	6.28	2.33	0.0	14.00	3.19	4.66	6.29	7.89	9.33	
FEMALES		1911	6.82	2.46	0.0	15.00	3.67	5.08	6.72	8.52	10.06	
ELEM F.ED.		1032	6.21	2.25	0.0	13.00	3.43	4.66	6.10	7.69	9.18	
HS F.ED.		948	6.55	2.47	0.0	15.00	3.28	4.66	6.10	7.69	9.18	
COLL F.ED.		1210	7.17	2.37	1.00	15.00	4.01	5.52	7.20	8.82	10.20	
D.K.F.ED.		403	5.72	2.41	0.0	15.00	2.68	4.02	5.67	7.36	8.90	
BLACK		561	4.90	2.22	0.0	13.00	2.03	3.28	4.35	6.33	7.76	
WHITE		3032	6.87	2.32	0.0	15.00	3.86	5.21	6.82	8.46	9.94	
NOT IN SAMPLE		4373	5.83	2.53	0.0	15.00	2.62	4.01	5.74	7.51	9.19	
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	4.67	2.03	2.00	2.10	3.00	4.25	6.80	7.34
A	M	ELEM	W	155	6.75	2.21	2.00	4.00	5.20	6.52	8.29	9.75
A	M	HS	B	29	4.72	2.46	1.00	1.08	2.81	5.12	6.46	7.55
A	M	HS	W	224	7.21	2.21	2.00	4.39	5.58	7.23	8.64	10.21
A	M	COLL	B	10	5.47	2.14	2.00	2.80	4.25	5.25	6.62	8.05
A	M	COLL	W	389	7.33	2.10	2.00	4.62	5.90	7.33	8.76	10.06
A	M	D.K.	B	15	4.73	2.25	1.00	2.00	3.63	4.25	6.58	7.33
A	M	D.K.	W	38	6.63	1.65	4.00	4.61	5.43	6.32	7.92	9.05
A	F	ELEM	B	35	6.17	2.38	2.00	3.13	4.44	6.06	7.56	9.00
A	F	ELEM	W	145	7.43	2.29	2.00	4.18	5.81	7.52	9.09	10.22
A	F	HS	B	27	5.89	2.61	0.0	2.35	4.19	5.88	7.35	9.60
A	F	HS	W	185	7.82	2.43	1.00	4.92	6.14	7.62	9.49	11.13
A	F	COLL	B	15	6.13	2.70	3.00	3.00	3.25	6.63	7.62	9.00
A	F	COLL	W	443	8.04	2.22	3.00	5.07	6.39	8.07	9.49	10.94
A	F	D.K.	B	12	5.83	3.30	2.00	2.10	3.50	5.00	8.00	11.30
A	F	D.K.	W	56	7.38	2.56	2.00	3.65	5.93	7.50	8.90	10.20
N	M	ELEM	B	54	5.00	2.12	1.00	2.07	3.73	4.95	6.18	7.82
N	M	ELEM	W	235	5.71	2.03	0.0	3.00	4.46	5.64	7.16	8.36
N	M	HS	B	45	4.30	2.10	1.00	2.10	2.82	3.83	5.18	7.90
N	M	HS	W	170	5.85	2.21	1.00	2.97	4.23	5.81	7.29	8.88
N	M	COLL	B	21	4.57	2.29	1.00	1.53	2.31	4.80	5.94	7.95
N	M	COLL	W	134	6.19	2.15	1.00	3.15	4.58	6.53	7.64	8.88
N	M	D.K.	B	51	4.08	2.11	0.0	1.27	2.58	4.00	5.68	6.88
N	M	D.K.	W	85	5.46	2.11	1.00	2.65	3.78	5.31	6.96	8.67
N	F	ELEM	B	85	5.07	2.00	0.0	2.56	3.85	5.05	6.34	7.80
N	F	ELEM	W	365	6.36	2.10	1.00	3.70	4.89	6.20	7.74	9.12
N	F	HS	B	55	4.91	1.78	1.00	2.63	3.31	5.14	6.30	7.19
N	F	HS	W	212	6.53	2.25	2.00	3.60	4.91	6.38	8.10	9.49
N	F	COLL	B	21	3.86	1.62	2.00	2.00	2.36	3.67	5.19	6.13
N	F	COLL	W	167	6.50	2.34	1.00	3.25	4.55	6.20	8.03	9.58
N	F	D.K.	B	58	4.48	2.06	0.0	1.63	3.20	4.67	5.95	7.14
N	F	D.K.	W	88	6.45	2.08	1.00	3.92	5.00	6.32	7.43	9.30
TOTAL		3593	6.57	2.42	0.0	15.00	3.45	4.50	5.52	6.77	8.17	9.73

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race

CS curriculum-sex

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE B (HOME ARTS), GRADE 9, 1965

TABLE 123

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1775	8.24	2.55	1.00	15.00	4.80	6.50	8.33	10.12	11.49
NON-ACADEMIC		1765	6.44	2.44	0.0	13.00	3.28	4.73	6.36	8.13	9.70
MALES		1659	6.69	2.51	0.0	14.00	3.44	4.91	6.60	8.39	10.09
FEMALES		1881	7.91	2.54	0.0	15.00	4.37	6.04	8.01	9.89	11.31
ELEM F.ED.		984	6.75	2.47	1.00	14.00	3.55	4.99	6.63	8.48	10.17
HS F.ED.		935	7.10	2.61	0.0	14.00	3.67	5.25	7.08	8.87	10.62
COLL F.ED.		1216	8.27	2.54	1.00	14.00	4.79	6.55	8.42	10.14	11.46
D.K.F.ED.		405	6.52	2.70	0.0	15.00	3.17	4.58	6.42	8.40	10.06
BLACK		572	5.33	2.28	0.0	13.00	2.54	3.83	5.16	6.67	8.43
WHITE		2968	7.73	2.54	1.00	15.00	4.00	5.93	7.75	9.59	11.08
NOT IN SAMPLE		4844	6.36	2.69	0.0	15.00	2.90	4.38	6.24	8.19	10.02

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	17	5.41	2.69	2.00	2.35	3.25	5.00	6.87	9.80
A	M	ELEM	W	151	6.87	2.40	1.00	3.68	5.30	6.95	8.41	9.93
A	M	HS	B	30	4.97	2.06	1.00	2.50	3.40	4.88	6.33	8.00
A	M	HS	W	219	7.43	2.45	2.00	4.49	5.70	7.39	8.99	10.64
A	M	COLL	B	20	5.15	1.69	2.00	2.50	4.25	5.07	6.00	7.50
A	M	COLL	W	393	8.12	2.22	2.00	5.13	6.62	8.14	9.78	11.02
A	M	D.K.	B	16	5.56	1.90	1.00	3.65	4.25	5.75	7.00	7.97
A	M	D.K.	W	37	7.78	2.08	1.00	5.43	6.52	7.29	8.85	10.80
A	F	ELEM	B	36	7.14	2.51	3.00	3.80	5.50	6.83	8.93	10.70
A	F	ELEM	W	126	8.34	2.61	1.00	4.74	6.54	8.40	10.48	11.34
A	F	HS	B	27	6.63	3.04	1.00	2.85	4.42	6.63	9.12	10.32
A	F	HS	W	179	8.94	2.21	2.00	6.16	7.34	9.02	10.65	11.87
A	F	COLL	B	13	8.08	2.90	4.00	4.15	5.13	8.13	10.87	11.85
A	F	COLL	W	444	9.59	2.13	2.00	6.75	8.37	9.76	11.01	12.27
A	F	D.K.	B	12	7.58	2.15	3.00	5.10	6.00	7.17	8.50	10.40
A	F	D.K.	W	55	9.09	2.39	3.00	6.13	7.72	9.04	10.75	12.14
A	M	ELEM	B	55	4.93	1.90	1.00	2.56	3.47	4.89	6.08	7.67
A	M	ELEM	W	220	6.03	2.24	1.00	3.11	4.55	5.90	7.40	9.03
A	M	HS	B	50	4.54	1.84	0.0	1.83	3.19	4.88	5.91	6.70
A	M	HS	W	163	6.18	2.33	1.00	3.02	4.59	6.13	7.89	9.19
A	M	COLL	B	21	4.33	1.77	2.00	2.03	3.12	4.25	5.25	6.45
A	M	COLL	W	135	6.74	2.30	1.00	3.65	5.23	6.75	8.15	9.95
A	M	D.K.	B	50	4.08	1.82	0.0	1.50	3.00	4.27	5.29	6.12
A	M	D.K.	W	82	5.93	2.14	2.00	3.24	4.20	5.94	7.27	8.76
A	F	ELEM	B	86	5.36	1.92	1.00	3.02	4.00	5.19	6.69	8.10
A	F	ELEM	W	293	7.32	2.19	1.00	4.58	5.85	7.30	9.01	10.21
A	F	HS	B	50	5.54	2.06	1.00	2.80	4.28	5.50	7.00	8.18
A	F	HS	W	211	7.28	2.37	2.00	4.11	5.69	7.31	8.79	10.49
A	F	COLL	B	20	5.50	2.19	2.00	3.00	4.00	5.50	6.50	7.50
A	F	COLL	W	170	7.62	2.48	1.00	4.56	5.92	7.70	9.24	10.90
A	F	D.K.	B	63	4.92	2.23	0.0	2.15	3.30	4.92	6.42	7.73
A	F	D.K.	W	90	7.46	2.41	1.00	4.25	5.38	7.75	9.25	10.33
TOTAL		3540	7.34	2.65	0.0	15.00	3.83	5.43	7.32	9.29	10.87	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F. female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N* (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 124

TGI SCALE B (HOME ARTS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
A	ACADEMIC	1800	8.68	2.74	0.0	15.00	5.15	6.75	8.65	10.60	12.40
A	NON-ACADEMIC	1770	6.63	2.63	0.0	15.00	3.23	4.76	6.58	8.33	10.13
A	MALES	1676	8.66	2.94	0.0	15.00	4.80	6.62	8.63	10.85	12.62
A	FEMALES	1894	6.79	2.51	0.0	15.00	3.49	5.00	6.79	8.49	10.07
A	ELEM F.ED.	1045	6.93	2.60	0.0	15.00	3.58	5.06	6.88	8.64	10.43
A	HS F.ED.	955	7.62	2.83	0.0	15.00	3.95	5.60	7.55	9.57	11.43
A	COLL F.ED.	1231	8.66	2.82	1.00	15.00	5.02	6.67	8.58	10.70	12.51
A	D.K.F.ED.	339	6.44	2.84	0.0	14.00	2.56	4.57	6.36	8.36	10.30
A	BLACK	548	5.60	2.52	0.0	14.00	2.53	3.84	5.35	7.24	8.96
A	WHITE	3022	8.04	2.77	0.0	15.00	4.52	6.10	7.93	9.97	11.82
A	NOT IN SAMPLE	3409	7.19	2.91	0.0	15.00	3.52	5.08	7.06	9.20	11.20

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	18	7.56	2.71	0.0	6.00	7.83	9.67	10.60
A	M	ELEM	W	160	8.57	2.78	2.00	6.74	8.76	10.50	12.20
A	M	HS	B	30	7.30	2.96	1.00	5.20	6.83	9.25	10.50
A	M	HS	W	228	9.64	2.42	2.00	7.94	9.66	11.31	12.92
A	M	COLL	B	20	7.65	2.70	4.00	5.90	7.17	8.50	12.83
A	M	COLL	W	397	10.55	2.47	4.00	8.83	10.77	12.51	13.65
A	M	D.K.	B	11	6.36	2.29	3.00	4.69	5.38	8.25	9.40
A	M	D.K.	W	25	9.36	2.50	5.00	7.81	9.38	11.44	12.20
A	F	ELEM	B	37	6.03	1.82	2.00	4.54	6.20	7.27	8.32
A	F	ELEM	W	147	7.25	2.47	1.00	5.40	7.24	8.91	10.73
A	F	HS	B	26	5.85	2.13	1.00	3.03	4.58	7.37	8.85
A	F	HS	W	185	7.86	2.40	1.00	6.16	7.90	9.56	10.69
A	F	COLL	B	15	5.87	2.53	2.00	3.38	6.00	7.75	9.25
A	F	COLL	W	447	8.21	2.23	2.00	6.71	8.16	9.75	11.17
A	F	D.K.	B	12	6.25	2.53	2.00	4.50	5.50	8.00	9.30
A	F	D.K.	W	42	7.76	2.47	2.00	5.92	7.83	9.71	10.77
A	M	ELEM	B	54	8.06	2.51	1.00	4.22	5.67	7.58	9.37
A	M	ELEM	W	236	7.05	2.42	2.00	6.05	7.61	9.09	11.05
A	M	HS	B	48	6.65	2.81	0.0	4.70	6.64	8.67	10.05
A	M	HS	W	170	7.94	2.72	1.00	6.07	7.83	9.84	11.83
A	M	COLL	B	21	6.67	2.69	3.00	4.58	6.33	8.42	10.45
A	M	COLL	W	141	8.78	2.58	3.00	6.90	8.88	10.60	11.99
A	M	D.K.	B	42	5.48	2.16	1.00	4.33	5.72	7.00	8.20
A	M	D.K.	W	75	7.11	3.16	0.0	5.07	7.05	9.31	11.25
A	F	ELEM	B	84	4.48	1.82	1.00	3.23	4.50	5.71	6.91
A	F	ELEM	W	309	6.28	2.14	1.00	3.37	6.34	7.83	9.17
A	F	HS	B	55	4.64	2.15	0.0	3.15	4.54	5.87	7.40
A	F	HS	W	213	6.22	2.10	2.00	4.66	6.28	7.57	9.11
A	F	COLL	B	21	4.24	2.05	1.00	2.88	3.88	5.05	7.95
A	F	COLL	W	169	6.48	2.20	2.00	4.93	6.42	8.06	9.21
A	F	D.K.	B	54	4.02	1.84	0.0	1.74	4.08	5.21	6.42
A	F	D.K.	W	78	6.37	2.31	1.00	4.73	6.68	7.96	9.37
TOTAL		3570	7.67	2.37	0.0	15.00	3.93	5.63	7.57	9.63	11.55

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE B (HOME ARTS), GRADE 5, 1961

TABLE 125

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		202578.0000	3660						
MEAN		171566.0645	1	171566.0645	20248.0586			0.0000	
ERROR		31011.9355	3659	8.4732					
CUR		1646.4055	1	1646.4055	257.7000			0.0000	
SEX		564.7729	1	564.7729	88.3999			0.0000	
F.ED		385.8923	3	128.6308	20.1337			0.0000	
RACE		2846.1777	1	2846.1777	445.4917			0.0000	
ERROR		23344.8256	3653	6.3888					
CS		22.5721	1	22.5721	3.5442			0.0599	
CF		46.6194	3	15.5398	2.4400			0.0627	
CR		25.4547	1	25.4547	3.9968			0.0459	
SF		24.6937	3	8.2312	1.2924			0.2752	
SR		16.9331	1	16.9331	2.6588			0.1033	
FR		10.6953	3	3.5651	0.5598			0.6415	
ERROR		23195.0618	3641	6.3688					
CSF		42.0952	3	14.0317	2.2029			0.0857	
CSR		14.1216	1	14.1216	2.2170			0.1369	
CFR		1.2514	3	0.4171	0.0655			0.9782	
SFR		6.6350	3	2.2117	0.3472			0.7912	
ERROR		23134.7623	3631	6.3697					
CSFR		24.0878	3	8.0293	1.2608			0.2861	
ERROR		23110.6745	3628	6.3683					

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

IGI SCALE 6 (HOME ARTS), GRADE 7, 1963

TABLE 126

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE ***** *				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	175862.0300	3592					
MEAN	154881.0938	1	154881.0938	26516.1445	0.0000	A academic	
ERROR	20980.9062	3591	5.8410			F black	
CUR	1178.3717	1	1178.3717	245.0272	0.0000	EQ Background and Experience Questionnaire	
SEX	342.8016	1	342.8016	71.2812	0.0000	COLL college curriculum-father's education interaction	
F•ED	86.1288	3	28.7096	5.9698	0.0006	CR curriculum-race interaction	
RACE	1135.8014	1	1135.8014	236.1753	0.0000	CS curriculum-sex interaction	
ERROR	17245.5949	3585	4.8091			CUR curriculum	
CS	15.0847	1	15.0847	3.1480	0.0762	D.K. respondent did not know	
CF	27.5408	3	9.1803	1.9158	0.1248	ELEM elementary school	
CR	12.0519	1	12.0519	2.5151	0.1132	F female	
SF	15.7586	3	5.2529	1.0962	0.3493	F•ED father's education	
SR	2.7748	1	2.7748	0.5791	0.4467	HS high school	
FR	37.7148	3	12.5716	2.6236	0.0490	M male	
ERROR	17125.8090	3573	4.7918			MAX maximum	
CSF	18.9456	3	6.3165	1.3186	0.2665	MIN minimum	
CSR	21.2939	1	21.2939	4.4450	0.0353	N (when in "curriculum" column) non-academic	
CFR	10.2457	3	3.4152	0.7129	0.5440	N number of cases	
SFR	2.0074	3	0.6691	0.1410	0.7451	NDF number of degrees of freedom	
ERROR	17073.2854	3563	4.7905			SCAT School and College Ability Tests	
CSFI	2.4255	3	0.8085	0.1687	0.9173	S.D. standard deviation	
ERROR	17070.8599	3560	4.7938			STEP Sequential Tests of Educational Progress	
						TGI Test of General Information	
						W white	
						* no valid statistic (N < 5)	

TGI SCALE B (HOME ARTS), GRADE 9, 1965

TABLE 127

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		215561.0000	3539			
MEAN		90681.3275	1			
ERROR		24879.6725	3538	7.0301	27123.3867	0.0000
CUR		1554.1665	1	1554.1665	301.2212	0.0000
SEX		1535.4633	1	1535.4633	297.5962	0.0000
F.ED		322.1184	3	107.4395	20.8234	0.0000
RACE		1625.0036	1	1625.0036	315.1055	0.0000
ERROR		18228.6879	3532	5.1596		
CS		39.8637	1	39.8637	7.7728	0.0054
CF		69.0592	3	23.0197	4.4885	0.0039
CR		0.7780	1	0.7780	0.1517	0.6971
SF		2.6725	3	0.8908	0.1737	0.9140
SR		1.5218	1	1.5218	0.2967	0.5861
FR		38.4145	3	12.8048	2.4967	0.0581
ERROR		18057.8782	3520	5.1286		
CSF		8.5399	3	2.8466	0.5555	0.6444
CSR		18.2244	1	18.2244	3.5562	0.0595
CFR		17.4013	3	5.8004	1.1318	0.3347
SFR		17.1034	3	5.7211	1.1164	0.3411
ERROR		17992.9594	3510	5.1247		
CSFR		4.8411	3	1.6137	0.3147	0.8146
ERROR		17988.1183	3507	5.1277		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

TABLE 128

TGI SCALE B (HOME ARTS), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	239221.0000	3569					
MEAN	209759.8540	1	209759.8540	25410.8438	0.0000	A academic	
ERROR	29461.1460	3568	8.2547			B black	
CUR	1699.6424	1	1699.6424	293.7056	0.0000	BEQ Background and Experience Questionnaire	
SEX	2743.5336	1	2743.5336	474.0945	0.0000	COLL college	
F.ED	509.5458	3	169.8486	29.3506	0.0000	CF curriculum-father's	
RACE	1442.2894	1	1442.2894	249.2339	0.0000	education interaction	
ERROR	20618.6809	3562	5.7869			CR curriculum-race	
CS	0.1730	1	0.1730	0.0302	0.8620	interaction	
CF	61.9838	3	20.6613	3.6109	0.0128	curriculum-sex	
CR	2.2056	1	2.2056	0.3855	0.5348	interaction	
SF	157.1854	3	52.3951	9.1568	0.0001	CUR curriculum	
SR	0.5498	1	0.5498	0.0961	0.7567	D.K. respondent did not know	
FR	39.4467	3	13.1489	2.2980	0.0756	ELEM elementary school	
ERROR	20318.7287	3550	5.7220			F female	
CSF	1.8377	3	0.6126	0.1070	0.9558	F.ED father's education	
CSR	9.7082	1	9.7082	1.6955	0.1933	HS high school	
CFR	25.0624	3	8.3541	1.4590	0.2238	M male	
SFR	1.027	3	0.3376	0.0590	0.9812	MAX maximum	
ERROR	20275.3401	3540	5.7259			MIN minimum	
CSFR	11.0486	3	3.6829	0.6430	0.5873	N (when in "curriculum"	
ERROR	20264.2915	3537	5.7276			column) non-academic	
						NDF number of degrees of freedom	
						SCAT School and College	
						Ability Tests	
						S.D. standard deviation	
						STEP Sequential Tests of	
						Educational Progress	
						TGI Test of General	
						Information	
						W white	
						* no valid statistic	
						(N < 5)	

TABLE 129

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1334	7.55	3.11	0.0	15.00	3.40	5.25	7.61	9.88	11.68
NON-ACADEMIC		1827	5.26	2.78	0.0	14.00	1.78	3.14	5.01	7.16	9.09
MALES		1721	6.84	3.35	0.0	15.00	2.53	4.18	6.73	9.41	11.45
FEMALES		1925	6.02	2.94	0.0	14.00	2.14	3.83	5.89	8.09	10.05
ELEM F.ED.		1049	5.63	2.86	0.0	15.00	1.98	3.52	5.36	7.60	9.46
HS F.ED.		961	6.28	3.14	0.0	14.00	2.29	3.82	6.05	8.52	10.64
COLL F.ED.		1234	7.58	3.11	0.0	15.00	3.52	5.35	7.56	9.94	11.72
D.K.F.ED.		417	5.21	3.04	0.0	14.00	1.52	2.83	4.84	7.28	9.52
BLACK		580	3.85	2.33	0.0	13.00	1.08	2.08	3.54	5.28	7.13
WHITE		3081	6.89	3.07	0.0	15.00	2.87	4.62	6.78	9.12	11.09
NOT IN SAMPLE		5103	5.74	3.17	0.0	15.00	1.87	3.27	5.30	7.95	10.27

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR. SEX F.ED RACE							10	25	50	75	90
A	M ELE B	18	3.56	1.98	1.00	8.00	1.10	2.25	3.30	4.38	6.70
A	M ELEM W	160	7.19	3.25	0.0	15.00	2.72	4.78	7.60	9.45	11.30
A	M HS B	30	4.73	3.12	1.00	12.00	1.50	2.25	3.88	7.67	9.50
A	M HS W	228	8.10	3.21	0.0	14.00	3.77	5.45	8.44	10.64	12.30
A	M COLL B	20	5.20	2.46	1.00	10.00	2.00	3.50	5.00	7.00	8.50
A	M COLL W	397	9.08	2.89	2.00	15.00	5.08	6.95	9.43	11.24	12.82
A	F D.K. B	16	4.19	2.64	0.0	9.00	0.80	2.50	3.83	6.50	7.90
A	M D.K. W	38	8.08	2.68	2.00	14.00	4.10	6.33	8.59	9.45	11.30
A	F ELEM B	36	4.44	2.13	0.0	8.00	1.65	2.83	4.50	6.10	7.35
A	F ELEM W	147	6.50	2.82	0.0	14.00	2.86	4.42	6.62	8.26	10.25
A	F HS B	26	4.55	2.69	1.00	10.00	1.02	2.25	3.50	6.87	8.20
A	F HS W	187	7.23	2.80	0.0	14.00	3.47	5.24	7.47	9.06	11.02
A	F COLL B	15	4.67	2.94	0.0	11.00	1.00	2.38	4.38	6.62	9.00
A	F COLL W	447	7.77	2.65	0.0	14.00	4.40	5.88	7.69	9.79	11.24
A	F D.K. B	13	4.31	2.69	1.00	9.00	1.00	1.75	4.25	6.25	8.20
A	F D.K. W	56	6.71	2.79	1.00	13.00	3.15	4.83	6.30	8.50	10.35
N	M ELEM B	54	3.83	2.54	0.0	13.00	1.38	2.13	3.32	4.86	5.80
N	M ELEM W	239	5.70	2.72	0.0	13.00	2.21	3.69	5.63	7.60	9.39
N	M HS B	50	3.62	1.97	0.0	8.00	1.30	2.15	3.25	5.00	6.70
N	M HS W	171	6.06	2.82	0.0	13.00	2.61	3.88	5.92	8.06	9.95
N	M COLL B	21	4.10	2.02	1.00	7.00	1.20	2.25	4.33	5.85	6.48
N	M COLL W	141	7.03	2.93	0.0	14.00	3.51	4.83	6.85	9.02	11.20
N	M D.K. B	52	3.37	2.00	0.0	8.00	0.96	1.83	3.06	4.70	6.45
N	M D.K. W	86	5.29	2.79	0.0	12.00	2.22	3.14	4.93	7.00	9.80
N	F ELEM B	86	3.51	2.06	0.0	9.00	1.01	1.94	3.30	4.75	6.40
N	F ELEM W	309	5.51	2.44	0.0	14.00	2.28	3.83	5.36	7.15	8.67
N	F HS B	56	4.05	2.31	0.0	11.00	1.56	2.40	3.79	5.40	6.97
N	F HS W	213	5.27	2.60	0.0	14.00	2.01	3.29	5.00	7.12	8.88
N	F COLL B	22	2.68	1.99	0.0	7.00	0.54	1.20	2.30	3.87	5.30
N	F COLL W	171	5.66	2.75	0.0	13.00	2.01	3.69	5.52	7.70	9.14
N	F D.K. B	65	3.20	2.02	0.0	9.00	0.82	1.50	3.00	4.17	6.00
N	F D.K. W	91	5.81	3.15	0.0	13.00	1.78	3.22	5.72	7.75	10.47
TOTAL		3651	6.41	3.17	0.0	15.00	2.30	3.93	6.23	8.63	10.78

KEY

A academic

B black

BEQ Background and Experience Questionnaire

CQLL college curriculum-father's education interaction

CF curriculum-race interaction

CR curriculum-sex interaction

CS curriculum

CUR D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 130

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	6.93	2.25	0.0	14.00	3.94	5.26	6.73	8.30	9.82
NON-ACADEMIC		1789	5.45	2.00	0.0	13.00	2.87	4.01	5.35	6.79	8.13
MALES		1682	6.54	2.39	0.0	14.00	3.45	4.76	6.43	8.16	9.71
FEMALE		1911	5.79	2.03	0.0	14.00	3.17	4.45	5.73	7.13	8.44
ELEM F.ED.		1032	5.67	2.01	0.0	14.00	3.09	4.24	5.59	7.00	8.36
HS F.ED.		948	5.97	2.19	0.0	13.00	3.16	4.41	5.91	7.37	8.87
COLL F.ED.		1210	6.86	2.29	1.00	14.00	3.89	5.21	6.80	8.37	9.90
D.K. F.ED.		561	5.58	2.18	0.0	13.00	2.81	4.05	5.48	6.92	8.49
BLACK		3032	4.75	1.85	0.0	10.00	2.37	3.41	4.67	6.05	7.24
WHITE		4373	6.40	2.21	0.0	14.00	3.61	4.83	6.29	7.85	9.31
NOT IN SAMPLE			5.58	2.24	0.0	15.00	2.75	3.97	5.47	7.03	8.47

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	18	4.67	1.23	2.00	6.00	2.40	4.00	4.93	5.60	6.00
A	M ELEM B	155	6.55	2.23	2.00	14.00	3.59	4.98	6.69	8.24	9.42
A	M HS B	29	5.24	1.86	2.00	8.00	2.47	3.93	5.00	6.75	7.92
A	M HS B	224	7.00	2.35	2.00	13.00	3.88	5.55	6.90	9.50	10.16
A	M COLL B	19	5.42	1.46	3.00	8.00	3.45	4.61	5.29	6.15	7.87
A	M COLL W	388	8.07	2.30	2.00	13.00	5.05	6.50	8.05	9.67	11.19
A	M D.K. B	15	4.47	1.73	2.00	7.00	2.00	2.88	4.75	5.95	6.40
A	M D.K. W	36	7.16	2.18	3.00	11.00	4.43	5.42	7.17	8.80	10.23
A	F ELEM B	35	5.00	1.63	1.00	9.00	2.75	3.97	5.25	6.10	6.67
A	F HS B	145	5.89	2.00	1.00	11.00	3.20	4.60	5.78	7.24	8.55
A	F HS B	27	5.15	2.43	0.0	10.00	1.35	3.42	5.60	6.82	7.40
A	F COLL B	185	6.69	1.87	2.00	12.00	4.18	5.39	6.68	8.06	9.13
A	F COLL W	44	4.47	2.03	3.00	8.00	1.67	2.42	4.67	5.92	7.00
A	F D.K. B	12	5.25	2.18	1.00	8.00	4.52	5.44	6.76	8.05	9.25
A	F D.K. W	56	6.27	2.03	3.00	11.00	1.70	4.00	5.50	7.00	7.45
N	M ELEM B	54	5.13	2.12	0.0	10.00	3.82	4.92	6.04	7.17	9.78
N	M ELEM W	225	5.86	2.05	1.00	13.00	2.72	3.45	4.93	6.58	8.15
N	M HS B	46	4.50	1.75	1.00	9.00	3.19	4.34	5.84	7.20	8.48
N	M HS W	170	5.95	1.95	2.00	12.00	2.22	3.29	4.33	5.71	6.85
N	M COLL B	21	5.10	2.05	2.00	9.00	3.54	4.57	5.79	7.21	8.60
N	M COLL W	134	6.45	2.15	2.00	12.00	2.72	3.35	4.75	6.44	8.13
N	M D.K. B	51	4.67	1.82	1.00	8.00	3.43	4.90	6.59	8.10	9.18
N	M D.K. W	85	5.93	2.13	2.00	10.00	3.15	4.16	5.88	7.40	9.08
N	F ELEM B	85	4.62	1.74	1.00	10.00	2.53	3.38	4.43	5.77	6.92
N	F ELEM W	305	5.45	1.74	1.00	10.00	3.27	4.34	5.38	6.65	7.67
N	F HS B	55	4.67	1.89	1.00	10.00	2.40	3.20	4.55	5.96	7.25
N	F HS W	214	5.12	1.37	1.00	10.00	2.56	3.85	5.13	6.42	7.40
N	F COLL B	21	3.07	1.35	1.00	7.00	2.05	2.78	3.44	4.65	5.28
N	F COLL W	163	5.53	1.37	1.00	11.00	3.13	4.13	5.45	6.73	8.15
N	F D.K. B	53	4.43	1.30	1.00	8.00	2.10	3.13	4.50	5.57	6.94
N	F D.K. W	88	5.63	2.15	0.0	13.00	2.90	4.50	5.50	6.75	8.34
TOTAL		3293	5.14	2.24	0.0	14.00	3.70	4.57	6.03	7.53	9.12

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college curriculum

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

N column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

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CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 131
TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES							
MARGINALS							10	25	50	75	90			
ACADEMIC		1775	7.82	2.65	0.0	15.00	4.46	5.94	7.69	9.64	11.43			
NON-ACADEMIC		1765	5.67	2.40	0.0	15.00	2.62	3.94	5.51	7.29	8.84			
MALES		1659	7.49	2.89	0.0	15.00	3.74	5.40	7.34	9.46	11.48			
FEMALES		1881	6.10	2.44	0.0	15.00	2.91	4.36	6.04	7.79	9.32			
ELEM F.ED.		984	6.02	2.45	0.0	14.00	2.92	4.22	5.92	7.62	9.17			
HS F.ED.		935	6.55	2.62	0.0	14.00	3.17	4.65	6.39	8.31	10.16			
COLL F.ED.		1216	7.85	2.69	0.0	15.00	4.53	5.96	7.77	9.61	11.54			
D.K. F.ED.		405	5.70	2.77	0.0	13.00	2.23	3.72	5.46	7.32	9.81			
WHITE		572	4.78	2.30	0.0	13.00	1.95	3.06	4.60	6.25	7.82			
BLACK		2968	7.13	2.66	0.0	15.00	3.75	5.21	7.00	8.91	10.79			
NOT IN SAMPLE		4844	5.98	2.72	0.0	15.00	2.58	4.02	5.82	7.76	9.69			
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES							
CUR SEX F.ED RACE							10	25	50	75	90			
A	M	ELEM	B		17	5.76	1.68	2.00	2.00	3.73	4.58	5.88	7.08	7.93
A	M	ELEM	M		151	7.74	2.66	2.00	2.00	4.42	5.86	7.39	9.35	11.41
A	M	HS	B		30	5.60	3.04	2.00	2.00	2.10	3.33	4.50	7.67	9.50
A	M	HS	M		219	8.42	2.54	3.00	3.00	5.06	6.59	8.51	10.19	11.89
A	M	COLL	B		20	6.80	2.50	2.00	2.00	4.50	5.50	6.33	7.83	9.50
A	M	COLL	M		393	9.51	2.52	3.00	3.00	6.24	7.72	9.57	11.42	12.75
A	M	D.K.	B		16	5.63	2.13	2.00	2.00	2.30	4.00	6.00	7.17	8.20
A	M	D.K.	M		37	9.27	2.10	5.00	5.00	5.85	8.06	9.56	10.79	11.82
A	F	ELEM	B		35	5.11	2.29	0.0	0.0	2.37	3.50	4.93	6.50	8.35
A	F	ELEM	M		126	6.60	2.29	1.00	1.00	3.65	4.78	6.45	8.35	9.78
A	F	HS	B		27	5.19	1.86	2.00	2.00	2.40	3.75	5.25	6.82	7.40
A	F	HS	M		179	6.96	2.11	2.00	2.00	4.49	5.52	6.85	8.47	9.76
A	F	COLL	B		13	5.23	1.74	1.00	1.00	2.80	4.58	5.63	6.44	7.00
A	F	COLL	M		444	7.59	2.19	2.00	2.00	4.87	6.05	7.51	9.02	10.49
A	F	D.K.	B		12	5.67	2.10	3.00	3.00	3.57	4.17	5.50	6.50	7.40
A	F	D.K.	M		55	7.13	2.62	1.00	1.00	3.38	5.58	6.96	9.37	10.60
N	M	ELEM	B		55	5.62	2.44	0.0	0.0	2.69	3.75	5.69	7.04	8.67
N	M	ELEM	M		220	5.23	2.16	1.00	1.00	3.42	4.79	6.21	7.66	8.90
N	M	HS	B		50	5.64	2.58	0.0	0.0	2.72	3.60	5.39	7.12	9.50
N	M	HS	M		163	6.44	2.52	0.0	0.0	3.33	4.57	6.42	8.04	9.95
N	M	COLL	B		21	5.00	2.15	2.00	2.00	2.20	3.25	5.00	6.42	7.47
N	M	COLL	M		135	7.37	2.52	1.00	1.00	4.14	5.49	7.54	8.94	10.35
N	M	D.K.	B		50	4.18	1.87	0.0	0.0	1.50	2.92	4.25	5.56	6.39
N	M	D.K.	M		82	6.26	2.74	0.0	0.0	2.87	4.27	6.04	7.92	10.06
N	F	ELEM	B		84	4.02	1.92	0.0	0.0	1.74	2.58	3.78	5.21	7.05
N	F	ELEM	M		293	5.50	2.12	1.00	1.00	2.80	3.96	5.33	7.07	8.45
N	F	HS	B		56	4.13	1.86	1.00	1.00	2.01	2.81	3.88	4.96	6.90
N	F	HS	M		211	5.50	1.99	1.00	1.00	2.82	4.10	5.49	6.83	8.11
N	F	COLL	B		20	3.45	1.88	0.0	0.0	1.00	2.00	3.70	4.70	5.30
N	F	COLL	M		170	6.28	2.19	1.00	1.00	3.50	4.71	6.50	7.86	9.17
N	F	D.K.	B		63	3.65	2.02	0.0	0.0	1.22	2.10	3.37	5.02	6.64
N	F	D.K.	M		90	5.17	2.16	0.0	0.0	2.61	3.75	4.93	6.61	7.33
TOTAL		3540	6.75	2.75	0.0	15.00	3.24	4.77	6.63	8.56	10.50			

KEY											
A	academic										
B	black										
BEQ	Background and Experience Questionnaire										
COLL	college										
CF	curriculum-father's education interaction										
CR	curriculum-race interaction										
CS	curriculum-sex interaction										
CUR	curriculum										
D.K.	respondent did not know										
ELEM	elementary school										
F	female										
F.ED	father's education										
HS	high school										
M	male										
MAX	maximum										
MIN	minimum										
N	(when in "curriculum" column) non-academic										
N	number of cases										
NDF	number of degrees of freedom										
SCAT	School and College Ability Tests										
S.D.	standard deviation										
STEP	Sequential Tests of Educational Progress										
TGI	Test of General Information										
W	white										
*	no valid statistic (N < 5)										

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 132

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
A	ACADEMIC	1800	10.02	2.33	1.00	15.00	6.83	8.54	10.22	11.72	12.93
B	NON-ACADEMIC	1770	8.13	2.52	0.0	15.00	4.81	6.34	8.21	9.93	11.33
BEQ	MALES	1676	9.35	2.66	0.0	15.00	5.70	7.64	9.63	11.33	12.57
COLL	FEMALES	1894	8.85	2.53	1.00	15.00	5.45	7.08	8.93	10.70	12.15
F	ELEM F.ED.	1045	8.67	2.55	1.00	15.00	5.17	6.80	8.87	10.46	11.93
F	HS F.ED.	955	8.99	2.51	2.00	15.00	5.63	7.28	9.10	10.86	12.20
F	COLL F.ED.	1231	9.87	2.42	1.00	15.00	6.49	8.29	10.03	11.64	12.92
F	U.K. F.ED.	339	7.78	2.84	0.0	15.00	3.94	5.78	7.89	9.81	11.62
F	BLACK	548	6.89	2.42	1.00	14.00	3.73	5.23	6.76	8.52	10.16
F	WHITE	3022	9.48	2.43	0.0	15.00	6.14	7.88	9.62	11.26	12.54
F	NOT IN SAMPLE	3409	8.37	2.64	0.0	15.00	4.81	6.51	8.49	10.32	11.80

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED PACE							10	25	50	75	90	
A	M	ELEM	B		18	7.94	2.4	3.00	6.13	7.83	10.00	11.10
A	M	ELEM	W		160	9.95	2.4	3.00	8.82	10.27	11.60	12.86
A	M	HS	B		30	7.57	2.73	2.00	5.40	8.00	9.60	10.50
A	M	HS	W		228	10.33	2.10	2.00	7.65	10.48	11.66	12.80
A	M	CULL	B		26	7.95	2.65	3.00	6.25	7.83	9.50	11.83
A	M	CULL	W		397	10.84	2.04	4.00	8.06	11.01	12.32	13.37
A	M	U.K.	B		11	7.27	2.49	1.00	6.38	7.80	8.35	9.40
A	M	U.K.	W		25	10.16	2.17	5.00	7.63	8.58	10.38	11.67
A	F	ELEM	B		37	8.03	2.29	4.00	5.35	7.80	9.69	11.27
A	F	ELEM	W		147	9.90	2.30	4.00	8.53	10.02	11.52	12.95
A	F	HS	B		26	7.00	2.35	3.00	5.56	6.38	8.67	10.20
A	F	HS	W		185	9.86	2.15	3.00	8.44	9.86	11.37	12.62
A	F	CULL	B		15	7.87	2.36	3.00	6.08	8.25	9.58	10.33
A	F	CULL	W		447	10.14	2.13	5.00	7.32	8.60	10.25	11.72
A	F	U.K.	B		12	8.00	1.71	5.00	5.70	7.90	8.50	10.40
A	F	U.K.	W		42	9.98	2.42	3.00	7.53	8.43	10.06	11.43
N	M	ELEM	B		4	7.19	2.37	3.00	3.78	5.40	7.28	9.00
N	M	ELEM	W		46	8.58	2.42	2.00	5.33	7.00	8.76	10.15
N	M	HS	B		48	7.10	2.49	2.00	3.90	5.25	7.07	9.10
N	M	HS	W		170	9.87	2.32	2.00	5.95	7.13	8.82	10.53
N	M	CULL	B		21	8.67	2.31	2.00	4.05	5.25	6.40	7.45
N	M	CULL	W		141	9.33	2.40	4.00	5.88	7.87	9.45	10.91
N	M	U.K.	B		42	5.79	2.30	1.00	2.94	4.38	5.50	7.37
N	M	U.K.	W		75	7.88	3.08	0.0	3.13	5.96	8.27	10.28
N	F	ELEM	B		64	8.82	2.32	1.00	4.35	5.13	6.43	8.50
N	F	ELEM	W		309	8.37	2.35	2.00	5.16	6.67	8.47	10.13
N	F	HS	B		55	8.42	2.21	2.00	3.58	4.96	6.54	7.72
N	F	HS	W		213	9.62	3.01	3.00	5.34	6.86	8.49	9.94
N	F	CULL	B		21	5.62	2.15	1.00	1.87	3.58	5.80	7.06
N	F	CULL	W		169	8.63	2.15	3.00	5.74	7.10	8.61	10.11
N	F	U.K.	B		54	5.91	2.00	2.00	3.30	4.44	5.92	7.43
N	F	U.K.	W		78	8.14	2.38	2.00	5.06	6.62	8.10	9.46
TOTAL		5570	9.68	2.60	0.0	15.00	5.50	7.33	9.25	11.01	12.38	

A academic

B black

BEQ Background and Experience Questionnaire

COLL college curriculum-father's education interaction

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 5, 1961

TABLE 133

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		187106.0000	3660				
MEAN		150384.8268	1	150384.8268	14988.8516	0.0000	A academic
ERROR		36721.1732	3659	10.0331			B black
CUR		2235.6199	1	2235.6199	294.5869	0.0000	BEQ Background and Experience Questionnaire
SEX		445.1945	1	445.1945	58.6632	0.0000	COLL college
F.ED		621.570	3	207.0223	27.2793	0.0000	CF curriculum-father's education interaction
RACE		2598.0422	1	2598.0422	342.3433	0.0000	CR curriculum-race interaction
ERROR		27730.1811	3653	7.5890			CS curriculum-sex interaction
CS		7.9529	1	7.9529	1.0415	0.3028	CUR curriculum
CF		99.0403	3	33.0134	4.4149	0.0043	D.K. respondent d.k. not know
CR		63.9296	1	63.8296	8.5360	0.0036	ELEM elementary school
SF		119.9012	3	39.9671	5.3448	0.0012	F female
SR		26.5677	1	26.5677	3.5529	0.0597	F.ED father's education
FR		48.3873	3	16.1291	2.1570	0.0911	HS high school
ERROR		27233.7124	3641	7.4777			M male
CSF		39.1905	3	13.0635	1.7473	0.1552	MAX maximum
CSR		23.2896	1	23.2896	3.1151	0.0773	MIN minimum
CFR		2.9156	3	0.9719	0.1300	0.9423	N (when in "curriculum" column) non-academic
SFR		21.2158	3	7.0719	0.9459	0.4174	N numb. of cases
ERROR		27153.9852	3631	7.4763			NDF number of degrees of freedom
CSFR		21.5365	3	7.1788	0.9602	0.4105	SCAT School and College Ability Tests
ERROR		27132.4487	3628	7.4766			S.D. standard deviation
							STEP Sequential Tests of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

FIG. SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 7, 1969

TABLE 134

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
		1				F RATIO	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE				
TOTAL	153465.0000	3592					
AN	135478.8909	1	135478.8909	27056.4375	0.0000		
ERROR	17086.1091	3591	5.0073				
CUR	81.9478	1	81.9478	198.7460	0.0000		
SEX	415.6164	1	415.6164	100.9870	0.0000		
F.ED	254.9462	3	84.9821	20.6490	0.0000		
RACE	707.9592	1	707.9592	172.0204	0.0000		
ERROR	14758.3347	3585	4.1155				
CS	0.0763	1	0.0763	0.0189	0.8907		
CF	97.6293	3	29.2098	7.2408	0.0001		
CR	43.1460	1	43.1460	10.6955	0.0011		
SF	77.5516	3	25.8505	6.4081	0.0003		
SF	14.0663	1	14.0663	3.4869	0.0621		
FR	45.5822	3	15.1941	3.7665	0.0104		
ERROR	14417.6779	3573	4.0340				
CSF	14.8820	3	4.9607	1.2288	0.2976		
CSK	6.7889	1	6.7889	1.6817	0.1945		
CFR	1.2155	3	0.4052	0.1004	0.9598		
S. R	9.4680	3	3.156	0.7818	0.5037		
ERROR	11387.4948	3563	4.0364				
CSFR	21.2636	3	7.0879	1.7509	0.1533		
ERROR	14366.2313	3560	4.0343				

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 135

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 9, 1965

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1						
SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	148062.0000	3539				
MEAN	161351.6516	1	161351.6516	21384.8867	0.0000	A academic
ERROR	26703.3484	3538	7.5455			B black
SEX	1892.4728	1	1892.4728	352.5073	0.0000	BEQ Background and Experience Questionnaire
F.ED	1410.5075	1	1410.5075	263.8501	0.0000	COLL college
RACE	590.5826	3	196.8609	36.6689	0.0000	CF curriculum-father's education interaction
ERROR	1294.8240	1	1294.8240	241.1845	0.0000	CR curriculum-race interaction
	18967.2734	3532	5.3686			CS curriculum-sex interaction
CS	37.7847	1	37.7847	7.1408	0.0077	CUR curriculum
CF	69.3385	3	23.1128	4.3680	0.0045	D.K. respondent did not know
CR	44.5592	1	44.5592	8.4211	0.0038	ELEM elementary school
SF	40.6979	3	13.5660	2.5638	0.0531	F female
SR	0.1119	1	0.1119	0.0211	0.8845	F.ED father's education
FR	78.5184	3	26.1728	4.9463	0.0021	HS high school
ERROR	10631.0089	3520	5.2914			M male
CSF	9.6179	3	3.2060	0.6077	0.6098	MAX maximum
CSP	45.0105	1	45.0105	8.5317	0.0036	MIN minimum
CFR	18.7957	3	6.2652	1.1876	0.3129	N (when in "curriculum" column) non-academic
SFR	32.7130	3	10.9043	2.0669	0.1025	N number of cases
ERROR	18523.0093	3510	5.2757			NDF number of degrees of freedom
CSFR	2.0428	3	0.6809	0.1290	0.9430	SCAT School and College Ability Tests
ERROR	18520.9664	3507	5.2796			S.D. standard deviation
						STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 11, 1967

TABLE 136

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1						
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	
TC* L						
MEAN	318721.0000	3569				
ERROR	294504.1825	1	294504.1826	43403.1016		0.0000
	24216.8174	3508	6.7853			
CUR	1697.5517	1	1697.5517	327.1982		0.0000
SEX	135.5439	1	135.5439	26.1257		0.0001
F.ED	183.8477	3	61.2826	11.8120		0.0001
RACE	1888.3647	1	1888.3647	363.9768		0.0000
ERROR	18485.3488	3502	5.1881			
CS	1.0017	1	1.0017	0.1944		0.6594
CF	25.0749	3	8.5583	1.6611		0.1733
CR	16.9675	1	16.9675	3.2932		0.0697
SF	67.9251	3	22.6417	4.3945		0.0044
SR	0.2504	1	0.2504	0.0447		0.8327
FR	51.2943	3	20.4314	3.9655		0.0078
ERROR	18295.0877	3550	5.1523			
CSF	2.5571	3	0.8524	0.1652		0.9199
CJR	5.3778	1	5.3778	1.0422		0.3075
CFR	15.2057	3	5.0686	0.9823		0.4001
SFR	1.8869	3	0.6290	0.1219		0.9471
ERROR	18271.9756	3540	5.1601			
CSFK	3.1513	3	1.0438	0.2021		0.8950
ERROR	18263.8442	3537	5.1636			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 137

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1833	8.13	3.16	0.0	15.00	3.80	5.69	8.39	10.52	12.19	
NON-ACADEMIC		1827	5.86	2.87	0.0	15.00	2.27	3.73	5.58	7.88	9.85	
MALES		1721	7.04	3.23	0.0	15.00	2.82	4.48	7.01	9.44	11.45	
FEMALES		1939	6.96	3.22	0.0	15.00	2.79	4.57	6.79	9.42	11.36	
ELEM F.ED.		1049	6.22	2.97	0.0	15.00	2.51	4.00	6.01	8.37	10.33	
HS F.ED.		961	6.87	3.12	0.0	15.00	2.83	4.44	6.79	9.19	11.15	
COLL F.ED.		1233	8.18	3.15	0.0	15.00	3.91	5.72	8.42	10.59	12.23	
D.K.F.ED.		417	5.76	3.18	0.0	14.00	1.82	3.34	5.36	7.87	10.46	
BLACK		580	4.38	2.48	0.0	15.00	1.48	2.63	4.05	5.76	7.92	
WHITE		3080	7.49	3.11	0.0	15.00	3.43	5.11	7.52	9.83	11.67	
ND IN SAMPLE		5103	6.23	3.26	0.0	15.00	2.20	3.71	5.84	8.55	10.95	
CLASSIFICATION												
CUR SEX F.ED RACE												
A	M	ELEM	B	18	4.44	1.95	1.00	1.77	3.60	4.50	5.40	6.70
A	M	ELEM	M	160	7.21	3.22	0.0	2.69	4.70	7.69	9.46	11.23
A	M	HS	B	30	4.97	3.09	1.00	1.50	2.80	4.17	7.00	9.00
A	M	HS	M	228	8.17	2.96	0.0	4.10	5.91	8.30	10.35	12.16
A	M	COLL	B	20	5.75	2.29	2.00	3.50	4.10	5.25	7.50	9.00
A	M	COLL	M	397	9.07	2.98	0.0	4.74	7.19	9.39	11.31	12.71
A	M	D.K.	B	16	4.63	2.36	1.00	1.70	2.50	4.50	6.25	7.90
A	M	D.K.	M	38	7.95	3.20	2.00	3.43	5.20	8.50	10.33	12.14
A	F	ELEM	B	36	5.47	2.65	1.00	2.62	3.64	5.50	6.50	8.90
A	F	ELEM	M	147	7.45	3.33	0.0	3.54	4.84	7.14	10.12	11.98
A	F	HS	B	26	5.42	2.59	1.00	2.30	3.38	5.00	7.33	9.10
A	F	HS	M	187	8.21	3.06	1.00	3.80	6.06	8.56	10.39	11.99
A	F	COLL	B	15	6.00	2.80	2.00	2.25	3.75	6.00	8.25	9.25
A	F	COLL	M	446	8.97	2.80	0.0	5.08	6.92	9.24	11.09	12.44
A	F	D.K.	B	13	5.23	2.31	2.00	2.15	3.63	5.25	6.42	8.20
A	F	D.K.	M	56	7.77	2.89	1.00	4.40	5.80	7.50	9.90	11.85
A	M	ELEM	B	54	4.28	2.09	0.0	1.85	3.00	4.12	5.15	7.03
A	M	ELEM	M	239	6.07	2.68	0.0	2.59	4.02	6.06	8.09	9.69
A	M	HS	B	50	4.32	1.95	1.00	2.50	3.00	3.88	5.40	6.83
A	M	HS	M	171	6.41	2.81	0.0	2.76	4.22	6.26	8.47	10.18
A	M	COLL	B	21	4.52	3.01	0.0	1.55	2.71	3.67	5.42	9.45
A	M	COLL	M	41	7.00	2.83	1.00	3.37	4.99	7.00	8.82	10.82
A	M	D.K.	B	52	3.73	2.27	0.0	1.03	1.94	3.39	5.30	6.77
A	M	D.K.	M	36	5.95	2.66	1.00	2.45	4.09	5.67	7.57	9.30
A	F	ELEM	B	86	4.14	2.50	0.0	1.01	2.29	3.81	5.92	7.60
A	F	ELEM	M	309	6.36	2.65	0.0	3.14	4.46	6.16	8.17	10.17
A	F	HS	B	56	4.45	2.55	0.0	1.27	2.50	4.25	6.00	7.90
A	F	HS	M	213	6.33	2.77	0.0	2.79	4.38	6.22	8.23	9.97
A	F	COLL	B	22	2.95	2.32	0.0	0.57	1.60	2.67	3.75	5.10
A	F	COLL	M	171	6.62	2.78	0.0	3.21	4.57	6.26	8.52	10.49
A	F	D.K.	B	65	3.38	2.08	0.0	0.86	1.90	3.27	4.57	5.67
A	F	D.K.	M	91	6.54	3.34	0.0	2.51	4.25	6.11	8.96	11.11
TOTAL		3660	7.00	3.22	0.0	15.00	2.81	4.53	6.89	9.43	11.40	

KEY

A

academic

B

black

BEQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 H.K. respondent did not know
 JEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 156

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	7.80	2.85	0.0	15.00	4.01	5.74	7.77	9.85	11.67
NON-ACADEMIC		1789	5.66	2.58	0.0	15.00	3.44	3.76	5.49	7.41	9.12
MALES		1682	6.89	2.96	0.0	15.00	3.11	4.67	6.74	8.95	10.97
FEMALES		1911	6.60	2.88	0.0	15.00	2.91	4.45	6.47	8.56	10.56
ELEM F.ED.		1032	6.17	2.64	0.0	15.00	2.84	4.21	6.02	7.97	9.73
HS F.ED.		948	6.57	2.94	0.0	15.00	2.86	4.39	6.42	8.47	10.65
COLL F.ED.		1210	7.68	2.89	0.0	15.00	3.80	5.59	7.68	9.72	11.54
D.K.F.ED.		403	5.73	2.87	0.0	15.00	2.22	3.65	5.35	7.54	9.60
BLACK		561	4.69	2.38	0.0	13.00	1.76	3.01	4.45	6.17	7.93
WHITE		3032	7.11	2.85	0.0	15.00	3.48	5.00	7.01	9.08	11.06
NOT IN SAMPLE		4573	5.79	2.95	0.0	15.00	2.15	3.55	5.51	7.74	9.94

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	18	5.11	1.57	3.00	8.00	3.40	3.86	4.50	6.63	7.30
A	M ELEM W	155	7.67	2.67	2.00	14.00	4.25	5.71	7.52	9.83	11.27
A	M HS B	29	5.93	2.67	2.00	12.00	3.13	3.96	5.08	7.75	10.20
A	M HS W	224	7.77	2.85	1.00	15.00	3.92	5.80	7.78	9.56	11.67
A	M COLL B	19	5.79	2.30	3.00	10.00	3.13	3.94	5.33	7.62	9.55
A	M COLL W	388	3.66	2.84	2.00	15.00	4.70	6.63	8.74	10.81	12.33
A	M D.K. B	15	4.40	2.41	0.0	9.00	1.00	2.75	4.80	5.75	7.25
A	M D.K. W	38	7.55	2.80	2.00	14.00	4.10	5.63	7.36	9.60	11.10
A	F ELEM B	35	5.83	2.32	1.00	12.00	3.00	4.29	5.95	7.15	8.37
A	F ELEM W	145	7.21	2.80	1.00	15.00	3.69	5.37	7.08	8.96	11.19
A	F HS B	27	5.11	2.86	0.0	11.00	1.07	3.08	5.13	7.12	8.80
A	F HS W	185	7.98	2.71	2.00	14.00	4.24	6.04	7.83	10.02	11.80
A	F COLL B	15	5.93	3.06	2.00	11.00	2.25	3.38	5.25	8.62	10.75
A	F COLL W	443	8.13	2.62	1.00	15.00	4.63	6.32	8.16	9.95	11.63
A	F D.K. B	12	6.92	3.55	3.00	13.00	3.00	3.25	5.50	9.50	11.30
A	F D.K. W	56	7.57	2.92	2.00	15.00	3.70	5.50	7.50	9.37	11.30
N	M ELEM B	54	4.59	2.38	0.0	9.00	1.78	2.88	4.50	6.25	8.10
N	M ELEM W	235	5.84	2.40	0.0	12.00	2.54	4.10	5.84	7.63	8.91
N	M HS B	46	4.39	2.01	0.0	10.00	1.70	3.00	4.50	5.78	6.63
N	M HS W	170	6.23	2.74	1.00	15.00	2.87	4.27	6.00	7.92	9.83
N	M COLL B	21	4.38	2.62	2.00	11.00	2.20	3.55	5.00	6.94	8.40
N	M COLL W	134	6.65	2.43	0.0	12.00	3.32	4.89	6.82	8.65	9.56
N	M D.K. B	51	3.94	1.97	0.0	8.00	1.32	2.34	3.95	5.41	6.49
N	M D.K. W	85	5.54	2.66	1.00	14.00	2.42	3.75	5.22	7.27	9.00
N	F ELEM B	305	4.62	2.00	1.00	9.00	2.00	3.18	4.62	5.80	7.27
N	F ELEM W	55	5.99	2.48	0.0	13.00	2.85	4.07	5.83	7.79	9.35
N	F HS B	212	4.04	2.39	0.0	11.00	1.20	2.55	3.55	5.21	7.62
N	F HS W	21	5.76	2.55	0.0	13.00	2.44	3.96	5.71	7.34	9.22
N	F COLL B	21	3.19	2.23	0.0	9.00	0.87	1.75	2.71	3.46	6.45
N	F COLL W	169	6.28	2.60	1.00	14.00	2.93	4.46	6.12	7.87	9.89
N	F D.K. B	58	4.00	1.80	0.0	9.00	1.63	2.85	4.00	5.09	6.10
N	F D.K. W	83	6.10	2.75	0.0	13.00	2.61	4.08	5.90	8.00	9.70
TOTAL		3593	6.74	2.92	0.0	15.00	2.99	4.55	6.59	8.74	10.77

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-f, her's education interaction

CR curriculum-race

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

N column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B Black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 9, 1965

TABLE 139

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1775	8.69	2.30	2.00	15.00	5.68	7.15	8.71	10.33	11.71
NON-ACADEMIC		1765	6.90	2.41	0.0	14.00	3.78	5.21	6.92	8.53	10.08
MALES		1659	7.00	2.54	0.0	14.00	4.61	6.22	8.07	9.82	11.31
FEMALES		1881	7.63	2.50	0.0	15.00	4.45	5.92	7.67	9.34	10.91
ELEM F.E.D.		984	7.33	2.45	0.0	14.00	4.14	5.61	7.42	9.01	10.50
HS F.E.D.		935	7.68	2.45	0.0	14.00	4.54	6.02	7.76	9.35	10.82
COLL F.E.D.		1216	8.62	2.36	1.00	15.00	5.57	7.04	8.65	10.34	11.60
D.K.F.E.D.		405	6.70	2.60	0.0	14.00	3.41	4.91	6.59	8.59	10.18
BLACK		572	5.69	2.24	0.0	13.00	2.67	4.20	5.65	7.17	8.53
WHITE		2968	8.20	2.37	1.00	15.00	5.07	6.60	8.22	9.87	11.30
NOT IN SAMPLE		4844	6.80	2.65	0.0	15.00	3.33	4.91	6.79	8.62	10.34

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.E.D. RACE							10	25	50	75	90
A	M ELEM B	17	6.71	2.05	3.00	10.00	3.85	5.13	7.00	8.13	9.65
A	M ELEM W	151	8.44	2.41	3.00	13.00	5.11	6.84	8.59	10.12	11.71
A	M HS B	30	6.13	2.30	3.00	12.00	3.10	4.67	6.00	7.12	9.50
A	M HS W	219	8.95	2.09	3.00	14.00	6.28	7.69	8.91	10.30	11.82
A	M COLL B	20	6.75	2.34	2.00	11.00	3.50	5.17	6.83	8.50	9.50
A	M COLL W	393	9.38	2.10	2.00	14.00	6.74	8.02	9.35	10.92	12.10
A	M D.K. B	16	6.06	1.24	3.00	8.00	4.70	5.50	6.07	6.83	7.70
A	M D.K. W	37	8.65	2.00	4.00	13.00	6.18	6.97	8.89	10.12	11.16
A	F ELEM B	36	6.44	2.13	3.00	12.00	3.90	5.10	6.08	7.50	9.70
A	F ELEM W	126	8.43	2.52	2.00	14.00	4.90	6.55	8.55	10.22	11.74
A	F HS B	27	6.04	1.93	2.00	9.00	3.07	4.85	6.20	7.37	8.60
A	F HS W	179	8.66	2.08	4.00	14.00	5.88	7.28	8.63	9.91	11.67
A	F COLL B	13	6.92	2.43	2.00	11.00	3.80	5.63	7.00	8.57	10.20
A	F COLL W	444	9.02	2.14	3.00	15.00	6.29	7.45	8.99	10.63	11.72
A	F D.K. B	12	6.83	1.99	3.00	9.00	4.57	5.17	7.50	8.50	9.00
A	F D.K. W	55	8.42	2.10	4.00	14.00	5.12	6.90	8.22	9.75	11.25
N	M ELEM B	55	6.07	2.05	2.00	10.00	3.38	4.70	5.86	7.64	8.75
N	M ELEM W	220	7.33	2.25	2.00	12.00	4.54	5.74	7.34	8.89	10.36
N	M HS B	50	6.04	2.54	1.00	13.00	2.30	4.56	6.17	7.37	9.50
N	M HS W	163	7.46	2.38	2.00	14.00	4.23	5.89	7.58	9.09	10.38
N	M COLL B	21	5.90	2.17	1.00	9.00	3.05	4.56	6.00	7.44	8.80
N	M COLL W	135	7.97	2.30	3.00	14.00	5.00	6.22	7.82	9.80	11.00
N	M D.K. B	50	4.46	1.92	0.0	8.00	1.83	3.00	4.42	6.06	7.00
N	M D.K. W	82	7.12	2.64	2.00	13.00	3.67	5.22	6.90	9.33	10.40
N	F ELEM B	80	5.57	2.31	0.0	12.00	2.60	4.08	5.50	7.04	8.70
N	F ELEM W	293	7.18	2.26	1.00	13.00	4.14	5.74	7.37	8.64	9.94
N	F HS B	56	5.11	2.09	0.0	10.00	2.40	3.77	4.96	6.75	7.90
N	F HS W	211	7.22	2.08	1.00	12.00	4.63	5.66	7.20	8.70	10.04
N	F COLL B	20	5.50	2.04	2.00	10.00	2.50	4.25	5.30	6.50	8.50
N	F COLL W	170	7.39	2.28	1.00	13.00	4.55	5.84	7.50	8.98	10.31
N	F D.K. B	63	4.73	2.14	1.00	10.00	1.72	3.29	4.77	6.12	7.45
N	F D.K. W	90	7.29	2.17	3.00	13.00	4.50	5.59	7.00	8.73	10.12
TOTAL		3540	7.80	2.52	0.0	15.00	4.53	6.05	7.86	9.56	11.11

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-m-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D. father's education:
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 110

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1800	9.22	2.98	0.0	15.00	5.10	7.18	9.51	11.46	13.01
NON-ACADEMIC		1769	8.59	2.81	0.0	15.00	3.00	4.51	6.47	8.57	10.36
MALES		1676	7.92	3.18	0.0	15.00	3.61	5.57	8.00	10.32	12.09
FEMALES		1893	7.92	3.18	0.0	15.00	3.77	5.55	7.81	10.31	12.29
ELEM F.ED.		1045	8.90	2.88	0.0	15.00	3.29	4.72	6.72	8.96	10.91
HS F.ED.		954	7.76	3.02	0.0	15.00	3.74	5.63	7.70	9.94	11.77
COLL F.ED.		1231	9.34	2.93	1.00	15.00	5.28	7.35	9.59	11.54	13.06
D.K.F.ED.		339	6.37	3.32	0.0	15.00	2.23	3.87	6.00	8.67	11.26
BLACK		547	5.22	2.61	0.0	14.00	1.95	3.30	5.02	6.92	8.83
WHITE		3022	8.41	3.03	0.0	15.00	4.27	6.20	8.42	10.68	12.40
NOT IN SAMPLE		3410	7.07	3.09	0.0	15.00	3.10	4.74	6.88	9.30	11.30

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	5.61	2.40	0.0	10.00	2.90	4.25	5.79	6.43	9.60
A	M	160	8.21	3.10	0.0	15.00	4.30	5.87	8.41	10.61	12.00
A	M	30	6.00	3.28	1.00	13.00	1.83	3.60	5.50	8.33	10.83
A	M	228	9.10	2.71	1.00	15.00	5.65	7.08	9.15	11.14	12.65
A	M	20	6.85	2.23	3.00	12.00	4.00	5.17	6.93	7.83	9.50
A	M	397	10.05	2.56	2.00	15.00	6.69	8.28	10.26	11.94	13.24
A	M	11	5.55	2.30	3.00	10.00	3.52	3.85	4.40	6.75	9.40
A	M	25	9.04	2.84	3.00	14.00	5.75	7.06	9.00	11.65	12.40
A	F	37	6.22	2.72	2.00	11.00	2.43	3.96	6.58	8.12	10.15
A	F	147	8.65	2.86	2.00	14.00	4.84	6.49	8.68	10.96	12.44
A	F	26	5.81	2.79	0.0	11.00	1.90	3.75	6.50	7.80	8.90
A	F	185	9.20	2.94	3.00	15.00	5.25	6.95	9.37	11.25	13.27
A	F	15	7.47	3.20	1.00	14.00	4.00	5.75	7.00	9.25	12.00
A	F	447	10.27	2.57	2.00	15.00	6.93	8.51	10.51	12.20	13.49
A	F	12	6.83	2.55	2.00	10.00	3.70	5.50	6.50	9.50	10.00
A	F	42	9.02	3.37	2.00	15.00	4.23	6.75	9.00	11.92	13.06
N	M	54	5.07	2.55	1.00	11.00	1.85	3.29	4.86	6.31	9.03
N	M	236	6.50	2.62	1.00	14.00	3.32	4.47	6.22	8.53	9.96
N	M	48	5.54	2.65	0.0	11.00	1.95	3.50	5.50	7.21	9.30
N	M	170	7.18	2.70	0.0	14.00	3.60	5.18	7.26	9.21	10.50
N	M	21	4.95	3.12	1.00	13.00	1.20	2.25	5.00	6.75	8.40
N	M	141	8.28	2.62	1.00	14.00	4.78	6.65	8.30	10.20	11.44
N	M	42	3.71	2.11	1.00	10.00	1.52	2.15	3.28	4.86	6.40
N	M	75	6.16	3.07	0.0	13.00	2.33	3.97	6.12	8.19	10.29
N	F	84	4.58	1.99	0.0	9.00	2.18	3.23	4.61	5.88	7.16
N	F	304	6.79	2.46	1.00	14.00	3.59	4.95	6.79	8.40	10.11
N	F	54	4.94	2.23	0.0	9.00	2.07	3.05	5.00	6.71	8.02
N	F	213	7.26	2.53	2.00	15.00	3.94	5.47	7.18	9.08	10.49
N	F	21	5.10	2.74	1.00	14.00	2.53	3.31	4.63	6.79	7.32
N	F	169	7.59	2.77	2.00	15.00	4.14	5.57	7.33	9.62	11.44
N	F	54	4.52	2.35	0.0	10.00	1.68	2.80	4.21	6.14	7.80
N	F	78	7.03	3.17	1.00	15.00	3.64	4.55	6.50	9.29	11.74

TOTAL		3529	7.92	3.18	0.0	15.00	3.70	5.56	7.90	10.31	12.19
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KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 5, 1961

TABLE 111

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				*****	
1							
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY	
TOTAL	217262.0000	3659				A academic	
MEAN	179227.8716	1	179227.8716	17242.2617	0.0000	B black	
ERROR	38034.1284	3658	10.3947			BEQ Background and Experience Questionnaire	
CUR	2223.4726	1	2223.4726	276.6543	0.0000	COLL. college	
SEX	1.5093	1	1.5093	0.1878	0.6648	CF curriculum-father's education interaction	
F.ED	641.4773	3	213.8258	26.6051	0.0000	CR curriculum-race interaction	
RACE	2784.9882	1	2784.9882	346.5205	0.0000	CS curriculum-sex interaction	
ERROR	29359.1679	3652	8.0370			CUR curriculum	
CS	6.8574	1	6.8574	0.8594	0.3541	D.K. respondent did not know	
CF	141.1009	3	47.0336	5.8944	0.0007	ELEM elementary school	
CR	19.9565	1	19.9565	2.5010	0.1141	F female	
SF	40.9992	3	13.6664	1.7127	0.1622	F.ED father's education	
SR	1.4567	1	1.4567	0.1826	0.6693	HS high school	
FR	56.6909	3	18.8970	2.3682	0.0689	M male	
ERROR	29052.8411	3640	7.9794			MAX maximum	
CSF	12.7148	3	4.2383	0.5308	0.6612	MIN minimum	
CSR	25.4577	1	25.4577	3.1847	0.0743	N (when in "curriculum" column) non-academic	
CFR	12.5843	3	4.1948	0.5254	0.6646	N number of cases	
SFR	11.0115	3	3.6705	0.4597	0.7103	NDF number of degrees of freedom	
ERROR	28992.2675	3630	7.9847			SCAT School and College Ability Tests	
CSFR	8.5698	3	2.8566	0.3576	0.7834	S.D. standard deviation	
ERROR	28983.6976	3627	7.9889			STEP Sequential Tests of Educational Progress	
						TGI Test of General Information	
						W white	
						* no valid statistic	
						(N < 5)	

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL.	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 7, 1963

TABLE 142

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL MEAN	TOTAL	193691.0000	3592			
	ERROR	163035.0467	1	163035.0467	19103.0352	0.0000
CUR SEX F.ED RACE		30655.9533	3591	8.5345		
	CUR	2323.0365	1	2323.0365	340.9243	0.0000
	SEX	29.2894	1	29.2894	4.2985	0.0384
	F.ED	272.9903	3	90.9968	13.3545	0.0001
	RACE	1515.3067	1	1515.3067	222.3838	0.0000
CS CF CR SF SR FR		24434.7345	3585	6.8139		
	CS	1.2649	1	1.2649	0.1864	0.6660
	CF	23.4637	3	7.8212	1.1523	0.3266
	CR	18.9750	1	18.9750	2.7957	0.0949
	SF	73.2203	3	24.4068	3.5960	0.0130
CSF CSR CFR SFR		0.5931	1	0.5931	0.0874	0.7676
	SR	37.3737	3	12.4579	1.8355	0.1385
	FR	24257.7840	3573	6.7873		
	CSF	24.0715	3	8.0238	1.1821	0.3150
	CSR	22.9099	1	22.9099	3.3753	0.0664
CSFR ERROR		4.3618	3	1.4539	0.2142	0.8863
	CFR	20.4398	3	6.8133	1.0038	0.3899
	SFR	24190.7218	3563	6.7875		
	CSFR	59.2216	3	19.7405	2.9130	0.0333
	ERROR	24131.5002	3560	6.7766		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 9, 1965

TABLE 143

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		237623.0000	3539				
MEAN		215108.3486	-				
ERROR		22514.6514	3538	6.3619	33812.1250	0.0000	
SEX		1380.6059	1	1380.6059	282.4382	0.0000	
F-ED		55.1203	1	55.1203	11.2763	0.0009	
RACE		214.7912	3	71.5971	14.6470	0.0001	
ERROR		1814.1818	1	1814.1818	371.1372	0.0000	
		17269.8904	3532	4.8882			
CS		3.1719	1	3.1719	0.6513	0.4200	
CF		17.0938	3	5.6979	1.1699	0.3197	
CR		18.8578	1	18.8578	3.8720	0.0493	
SF		25.1136	3	8.3712	1.7188	0.1610	
SR		0.7218	1	0.7218	0.1482	0.7004	
FR		47.4201	3	15.8067	3.2455	0.0212	
		17148.2185	3520	4.8703			
CSF		2.8763	3	0.9588	0.1968	0.8985	
CSR		6.4594	1	6.4594	1.3258	0.2500	
CFR		21.6829	3	7.2276	1.4835	0.2170	
SFR		12.7628	3	4.2543	0.8732	0.4541	
		17106.0750	3510	4.8721			
CSFR		2.6831	3	0.8944	0.1834	0.9077	
ERROR		17103.3919	3507	4.8755			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 11, 1967

TABLE 144

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1					1	2
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	259934.0000	3568				
MEAN	223831.0732	1	223831.0732	22120.8906	0.0000	A academic
ERROR	36102.9268	3567	10.1185			B black
CUR	2959.0736	1	2959.0736	412.1038	0.0000	BEQ Background and Experience Questionnaire
SEX	21.7472	1	21.7472	3.0287	0.0820	COLL college
F.ED	1164.3458	3	388.1153	54.0520	0.0000	CF curriculum-father's education interaction
RACE	2523.8629	1	2523.8629	351.4929	0.0000	CR curriculum-race interaction
ERROR	25576.5970	3561	7.1804			CS curriculum-sex interaction
CS	22.8467	1	22.8467	3.1983	0.0741	CUR curriculum
CF	49.0579	3	16.3526	2.2895	0.0765	D.K. respondent did not know
CR	42.8603	1	42.8603	6.0003	0.0146	ELEM elementary school
SF	58.6778	3	19.5593	2.7384	0.0420	F female
SR	3.5083	1	3.5083	0.4912	0.4837	F.ED father's education
FR	34.2762	3	11.4261	1.5998	0.1874	HS high school
ERROR	25355.0247	3549	7.1423			M male
CSF	36.0183	3	12.0061	1.6813	0.1689	MAX maximum
CSR	6.8687	1	6.8687	0.9619	0.3268	MIN minimum
CFR	18.8229	3	6.2743	0.8786	0.4513	N (when in "curriculum" column) non-academic
SFR	21.6617	3	7.2206	1.0111	0.3867	N number of cases
ERROR	25279.3486	3539	7.1411			NDF number of degrees of freedom
CSFR	7.6703	3	2.5568	0.3578	0.7833	SCAT School and College Ability Tests
ERROR	25271.6784	3536	7.1449			S.D. standard deviation
						STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

TABLE 145

TGI SCALE E (MUSIC, ART), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1834	6.77	2.96	0.0	15.00	2.95	4.52	6.65	8.89	10.85
NON-ACADEMIC		1827	4.59	2.36	0.0	13.00	1.73	2.89	4.31	6.04	7.87
MALES		1721	5.47	2.85	0.0	14.00	2.00	3.34	5.14	7.37	9.42
FEMALES		1940	5.87	2.92	0.0	15.00	2.35	3.69	5.44	7.81	10.09
ELEM F.ED.		1049	4.89	2.47	0.0	13.00	1.88	3.08	4.62	6.41	8.36
HS F.ED.		961	5.44	2.76	0.0	14.00	2.12	3.48	5.07	7.17	9.27
COLL F.ED.		1234	6.90	2.98	0.0	15.00	3.03	4.57	6.87	9.07	10.96
D.K.F.ED.		417	4.63	2.66	0.0	13.00	1.49	2.69	4.28	6.14	8.61
BLACK		580	3.54	1.95	0.0	11.00	1.09	2.11	3.42	4.73	6.12
WHITE		3081	6.09	2.86	0.0	15.00	2.59	3.91	5.78	8.04	10.13
NOT IN SAMPLE		5103	5.11	2.82	0.0	15.00	1.77	3.01	4.69	6.80	9.24

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR											
SEX											
F.ED											
RACE											
A	ELEM	18	3.22	1.83	0.0	5.00	0.40	1.75	3.50	4.86	5.00
A	ELEM	160	5.56	2.50	1.00	13.00	2.33	3.72	5.50	7.17	8.86
A	HS	30	4.20	2.43	0.0	11.00	1.50	2.58	3.83	5.67	7.17
A	HS	228	6.25	2.83	0.0	14.00	2.66	4.24	6.07	8.08	10.25
A	COLL	20	4.40	2.46	1.00	11.00	1.17	2.83	4.25	5.75	6.50
A	COLL	397	7.51	2.81	1.00	14.00	3.70	5.31	7.60	9.49	11.29
A	D.K.	16	3.38	1.75	1.00	7.00	1.62	2.10	3.00	4.17	6.70
A	D.K.	38	6.03	2.73	2.00	11.00	2.76	3.63	5.50	8.62	10.05
A	ELEM	36	4.44	1.95	1.00	9.00	2.02	3.00	4.25	5.50	7.10
A	ELEM	147	6.50	2.93	1.00	13.00	2.69	4.22	6.46	8.69	10.38
A	HS	26	4.15	1.99	0.0	9.00	1.90	2.75	3.90	5.62	6.70
A	HS	187	7.03	2.96	1.00	14.00	3.47	4.70	6.84	9.08	11.52
A	COLL	15	5.20	2.60	1.00	11.00	2.00	3.38	5.00	6.75	8.25
A	COLL	447	7.86	2.81	0.0	15.00	4.12	5.84	7.78	9.97	11.48
A	D.K.	13	4.38	2.29	0.0	9.00	0.80	3.56	4.38	5.75	6.40
A	D.K.	56	6.66	2.58	1.00	13.00	3.37	4.90	6.35	8.83	10.05
N	ELEM	54	3.13	1.65	0.0	7.00	0.98	1.92	3.05	4.35	5.32
N	ELEM	239	4.40	2.12	0.0	11.00	1.81	2.81	4.22	5.69	7.37
N	HS	50	3.34	1.69	0.0	7.00	1.25	2.09	3.23	4.56	5.50
N	HS	171	4.73	2.33	0.0	12.00	1.78	3.04	4.46	6.21	7.91
N	COLL	21	3.81	2.27	0.0	8.00	1.05	2.25	3.60	4.87	7.80
N	COLL	141	5.45	2.43	1.00	11.00	2.50	3.51	5.31	7.22	8.82
N	D.K.	52	2.58	1.51	0.0	6.00	0.53	1.50	2.58	3.68	4.39
N	D.K.	86	4.58	2.46	0.0	12.00	1.37	2.96	4.50	6.14	7.41
N	ELEM	86	3.45	1.90	0.0	7.00	0.92	2.00	3.33	4.85	6.21
N	ELEM	309	5.01	2.23	0.0	12.00	2.39	3.44	4.77	6.41	8.12
N	HS	56	3.59	1.71	0.0	8.00	1.42	2.39	3.65	4.35	5.98
N	HS	213	5.06	2.30	0.0	12.00	2.39	3.34	4.76	6.57	8.31
N	COLL	22	2.91	2.20	0.0	9.00	0.57	1.57	2.36	4.00	5.43
N	COLL	171	5.52	2.58	1.00	13.00	2.51	3.74	5.04	7.10	9.34
N	D.K.	65	3.26	1.59	1.00	8.00	1.15	1.95	3.21	4.48	5.29
N	D.K.	91	5.23	2.76	1.00	13.00	1.84	3.15	5.00	6.68	8.98
TOTAL		3661	5.68	2.89	0.0	15.00	2.16	3.54	5.30	7.59	9.80

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 146

TGI SCALE E (MUSIC, ART), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	6.84	2.69	0.0	15.00	3.49	4.91	6.73	8.66	10.41
NON-ACADEMIC		1789	4.81	2.34	0.0	13.00	1.85	3.11	4.65	6.26	7.95
MALES		1682	5.69	2.64	0.0	15.00	2.32	3.76	5.54	7.39	9.26
FEMALES		1911	5.96	2.77	0.0	15.00	2.50	3.95	5.73	7.78	9.80
ELEM F.E.D.		1032	5.20	2.35	0.0	13.00	2.26	3.60	5.05	6.61	8.32
HS F.E.D.		948	5.55	2.62	0.0	15.00	2.27	3.61	5.38	7.21	9.01
COLL F.E.D.		1210	6.88	2.78	0.0	15.00	3.23	4.94	6.79	8.83	10.55
D.K.F.E.D.		403	4.96	2.57	0.0	13.00	1.73	2.98	4.56	6.61	8.80
BLACK		561	3.82	2.13	0.0	11.00	1.30	2.18	3.60	5.12	6.66
WHITE		3032	6.20	2.65	0.0	15.00	2.89	4.29	6.02	7.93	9.81
NOT IN SAMPLE		4373	4.96	2.72	0.0	15.00	1.72	2.95	4.61	6.61	8.77

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.E.D RACE						10	25	50	75	90
A	M ELEM B	18	3.89	2.47	0.0	10.00	0.90	2.25	3.75	5.00	7.70
A	M ELEM W	155	6.01	2.28	1.00	13.00	3.52	4.45	5.83	7.39	9.06
A	M HS B	29	4.00	2.28	1.00	11.00	1.68	2.53	3.33	5.19	6.60
A	M HS W	224	6.43	2.46	1.00	15.00	3.24	4.76	6.32	8.00	9.57
A	M COLL B	19	4.63	2.09	1.00	10.00	2.40	3.19	4.60	5.58	7.60
A	M COLL W	388	7.36	2.53	1.00	15.00	4.01	5.67	7.23	9.10	10.76
A	M D.K. B	15	3.40	1.35	1.00	6.00	1.67	2.42	3.38	4.31	5.25
A	M D.K. W	38	6.71	2.57	2.00	13.00	3.43	4.75	6.50	8.86	9.40
A	F ELEM B	35	5.09	2.43	1.00	10.00	1.88	3.42	4.94	6.58	8.75
A	F ELEM W	145	6.34	2.56	0.0	13.00	3.04	4.40	6.24	8.14	9.87
A	F HS B	27	5.11	2.50	0.0	10.00	1.35	3.75	5.14	6.95	8.15
A	F HS W	185	7.13	2.66	2.00	15.00	3.75	5.14	7.00	8.85	10.46
A	F COLL B	15	5.60	3.02	0.0	10.00	1.75	3.25	6.00	8.12	9.25
A	F COLL W	443	7.74	2.64	1.00	15.00	4.55	5.85	7.57	9.53	11.29
A	F D.K. B	12	6.08	2.97	2.00	10.00	2.00	2.50	7.00	8.50	9.40
A	F D.K. W	56	7.04	2.60	2.00	13.00	3.95	4.86	7.00	8.50	10.70
N	M ELEM B	54	3.74	1.71	0.0	8.00	1.55	2.55	3.71	4.92	6.07
N	M ELEM W	235	4.84	2.15	0.0	12.00	2.07	3.39	4.65	6.24	7.62
N	M HS B	46	3.54	1.91	1.00	8.00	1.16	2.00	3.28	5.00	6.27
N	M HS W	170	4.84	2.29	0.0	11.00	1.83	3.12	4.82	6.33	7.94
N	M COLL B	21	4.86	2.95	0.0	10.00	1.05	2.58	4.33	7.37	8.95
N	M COLL W	134	5.63	2.43	1.00	15.00	2.53	3.78	5.71	7.35	8.60
N	M D.K. B	51	5.04	1.72	0.0	7.00	0.87	1.57	2.89	4.31	5.48
N	M D.K. W	85	4.93	2.40	0.0	11.00	1.75	3.51	4.67	6.47	8.20
N	F ELEM B	35	3.55	1.72	0.0	8.00	1.25	2.37	3.63	4.73	5.60
N	F ELEM W	305	5.33	2.18	0.0	13.00	2.68	3.81	5.33	6.55	8.19
N	F HS B	55	3.38	1.85	0.0	8.00	1.00	1.93	3.25	4.80	5.67
N	F HS W	212	5.07	2.19	0.0	13.00	2.45	3.50	5.02	6.36	7.84
N	F COLL B	21	2.95	1.43	1.00	6.00	1.51	1.91	2.60	3.75	5.40
N	F COLL W	169	5.63	2.63	0.0	13.00	2.34	3.63	5.41	7.21	9.59
N	F D.K. B	20	3.00	1.54	0.0	7.00	1.46	1.85	2.46	4.19	5.27
N	F D.K. W	80	5.43	2.46	1.00	13.00	2.82	3.74	4.93	6.83	8.80
TOTAL		3593	5.83	2.72	0.0	15.00	4.42	5.86	7.59	9.51	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 147

TGI SCALE E (MUSIC, ART), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1775	7.81	2.95	0.0	15.00	3.89	5.70	7.74	9.98	11.66
NON-ACADEMIC		1765	5.41	2.51	0.0	14.00	2.27	3.60	5.22	7.01	8.87
MALES		1659	6.69	2.94	0.0	15.00	2.93	4.50	6.51	8.81	10.68
FEMALES		1881	6.55	3.03	0.0	15.00	2.73	4.38	6.28	8.52	10.82
ELEM F.ED.		984	5.72	2.62	0.0	14.00	2.53	3.80	5.49	7.39	9.25
HS F.ED.		935	6.41	2.79	0.0	15.00	2.84	4.55	6.18	8.24	10.16
COLL F.ED.		1216	7.87	2.92	0.0	15.00	4.02	5.74	7.82	10.05	11.69
D.K.F.ED.		405	5.47	3.11	0.0	15.00	1.82	3.18	4.86	7.30	10.29
BLACK		572	4.35	2.30	0.0	12.00	1.50	2.71	4.19	5.67	7.35
WHITE		2968	7.05	2.91	0.0	15.00	3.33	4.92	6.86	9.10	11.05
NOT IN SAMPLE		4844	5.52	2.83	0.0	15.00	2.07	3.44	5.20	7.28	9.47

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	17	4.71	1.99	2.00	2.07	3.13	4.38	6.19	7.65
A	M	ELEM	W	151	6.85	2.67	1.00	3.34	4.91	6.88	8.46	10.49
A	M	HS	B	30	4.77	2.74	0.0	1.17	2.75	4.70	6.75	8.83
A	M	HS	W	219	7.63	2.76	1.00	4.29	5.53	7.48	9.47	11.39
A	M	COLL	B	20	5.80	2.46	2.00	2.83	3.83	5.70	7.00	9.83
A	M	COLL	W	393	8.70	2.63	1.00	5.18	6.81	8.79	10.54	12.02
A	M	D.K.	B	16	4.25	1.61	2.00	2.60	3.00	3.83	5.17	6.97
A	M	D.K.	W	37	8.54	2.78	3.00	4.93	6.66	8.80	10.22	12.15
A	F	ELEM	B	36	5.00	2.53	0.0	1.80	3.50	4.75	6.36	8.10
A	F	ELEM	W	126	7.29	2.95	1.00	3.55	5.08	7.22	9.55	11.28
A	F	HS	B	27	5.07	3.16	0.0	1.07	2.85	4.80	6.92	10.60
A	F	HS	W	179	7.77	2.84	2.00	4.22	5.71	7.48	9.70	11.72
A	F	COLL	B	13	6.54	2.99	2.00	2.15	4.75	6.75	8.75	9.40
A	F	COLL	W	444	8.55	2.79	1.00	4.96	6.58	8.41	10.54	12.30
A	F	D.K.	B	12	5.83	3.27	1.00	1.10	3.50	5.50	7.50	10.90
A	F	D.K.	W	55	7.84	3.11	1.00	3.88	5.22	7.92	10.55	12.00
N	M	ELEM	B	55	4.62	2.08	1.00	2.38	3.02	4.43	5.92	7.43
N	M	ELEM	W	220	5.52	2.33	0.0	2.50	3.83	5.47	7.10	8.59
N	M	HS	B	50	4.52	1.92	1.00	2.10	3.19	4.33	5.69	7.50
N	M	HS	W	163	5.81	2.42	1.00	2.36	4.10	5.89	7.43	9.04
N	M	COLL	B	21	5.14	2.35	1.00	2.55	3.81	4.86	6.25	7.47
N	M	COLL	W	135	6.63	2.71	1.00	3.31	4.64	6.25	8.53	10.38
N	M	D.K.	B	50	3.54	1.89	0.0	1.17	2.19	3.33	4.45	6.21
N	M	D.K.	W	82	5.23	2.59	0.0	2.67	3.57	4.64	6.71	8.97
N	F	ELEM	B	86	3.64	1.96	0.0	1.01	2.00	3.61	5.09	6.07
N	F	ELEM	W	293	5.59	2.32	0.0	2.79	3.86	5.38	7.14	8.68
N	F	HS	B	56	4.45	1.93	1.00	1.86	2.79	4.58	5.79	7.07
N	F	HS	W	211	5.84	2.24	1.00	2.90	4.49	5.78	7.25	8.61
N	F	COLL	B	20	3.75	2.17	0.0	1.00	2.67	3.50	4.83	6.00
N	F	COLL	W	170	6.31	2.56	1.00	3.12	4.65	6.09	7.87	9.75
N	F	D.K.	B	63	3.27	1.80	0.0	0.79	1.84	3.53	4.52	5.38
N	F	D.K.	W	90	5.77	3.07	1.00	2.10	3.18	5.50	7.45	10.75
TOTAL		3540	6.61	2.99	0.0	15.00	2.82	4.44	6.39	8.67	10.75	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 148

TGI SCALE E (MUSIC, ART), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1800	9.78	2.65	1.00	15.00	6.19	7.93	10.04	11.78	13.08
NON-ACADEMIC		1770	7.07	2.62	0.0	14.00	3.60	5.15	7.07	8.92	10.53
MALES		1676	8.72	3.09	0.0	15.00	4.53	6.55	8.84	11.14	12.67
FEMALES		1994	8.18	2.83	0.0	15.00	4.35	6.12	8.18	10.29	11.95
ELEM F.ED.		1045	7.53	2.70	1.00	15.00	3.97	5.66	7.46	9.32	11.24
HS F.ED.		955	8.35	2.84	1.00	15.00	4.49	6.36	8.43	10.47	12.08
COLL F.ED.		1231	9.69	2.74	1.00	15.00	5.89	7.81	9.99	11.76	13.10
D.K.F.ED.		339	6.89	3.10	0.0	15.00	2.96	4.59	6.76	9.08	11.19
BLACK		548	6.19	2.74	0.0	14.00	2.73	4.07	6.16	8.06	9.93
WHITE		3022	8.84	2.82	0.0	15.00	5.02	6.81	8.89	11.02	12.45
NOT IN SAMPLE		3409	7.68	3.03	0.0	15.00	3.65	5.42	7.70	9.96	11.72

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	6.72	2.19	2.00	3.30	6.00	7.00	7.67	9.70
A	M	ELEM	W	9.02	2.74	1.00	5.70	7.21	9.00	11.00	12.33
A	M	HS	B	7.03	3.11	1.00	2.50	5.00	6.83	9.42	11.00
A	M	HS	W	10.18	2.51	1.00	6.72	8.46	10.60	12.01	13.17
A	M	COLL	B	8.15	3.30	3.00	3.17	6.00	7.50	10.50	12.50
A	M	COLL	W	10.97	2.28	3.00	7.69	9.60	11.25	12.66	13.71
A	M	D.K.	B	5.91	2.07	2.00	3.55	4.38	6.00	7.62	8.45
A	M	D.K.	W	9.60	2.96	4.00	4.75	7.92	10.33	11.46	13.12
A	F	ELEM	B	7.54	2.28	3.00	5.07	6.03	7.05	9.62	10.65
A	F	ELEM	W	9.05	2.53	3.00	5.93	7.18	8.54	11.18	12.41
A	F	HS	B	7.35	3.16	2.00	2.80	5.25	7.25	9.37	11.70
A	F	HS	W	9.39	2.31	4.00	6.18	7.58	9.57	11.28	12.28
A	F	COLL	B	8.60	2.32	2.00	7.00	7.94	8.75	9.38	11.00
A	F	COLL	W	10.10	2.36	3.00	6.88	8.51	10.32	11.81	13.08
A	F	D.K.	B	6.92	2.97	4.00	4.70	6.50	9.50	11.00	12.90
A	F	D.K.	W	9.31	2.84	2.00	5.60	7.88	9.39	11.12	12.95
N	M	ELEM	B	6.20	2.49	2.00	3.07	4.05	6.25	8.08	9.82
N	M	ELEM	W	7.07	2.55	1.00	3.76	5.43	6.98	8.79	10.47
N	M	HS	B	6.50	2.79	1.00	2.70	4.72	6.64	8.50	9.90
N	M	HS	W	7.67	2.55	1.00	4.07	6.12	7.71	9.29	11.03
N	M	COLL	B	5.71	2.83	1.00	1.20	4.12	5.92	7.08	9.40
N	M	COLL	W	8.84	2.34	4.00	5.51	7.25	8.88	10.60	11.99
N	M	D.K.	B	4.74	2.79	0.0	1.14	2.81	4.12	6.92	8.43
N	M	D.K.	W	6.88	2.80	0.0	3.56	4.92	6.46	8.68	11.00
N	F	ELEM	B	5.55	2.15	1.00	2.84	3.94	5.42	7.21	8.38
N	F	ELEM	W	7.21	2.40	2.00	3.96	5.45	7.22	8.89	10.37
N	F	HS	B	5.87	2.34	2.00	3.25	3.95	5.57	7.41	9.60
N	F	HS	W	7.41	2.35	2.00	4.32	5.70	7.36	9.20	10.41
N	F	COLL	B	5.05	2.20	1.00	2.05	3.25	5.20	6.44	7.47
N	F	COLL	W	7.64	2.49	2.00	4.24	5.92	7.59	9.43	11.01
N	F	D.K.	B	4.94	2.41	0.0	1.97	3.04	4.83	6.86	8.22
N	F	D.K.	W	7.08	2.44	2.00	4.45	5.07	6.95	8.81	10.39
TOTAL		3570	8.44	2.97	0.0	15.00	4.42	6.32	8.46	10.71	12.30

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 E.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE E (MUSIC, ART), GRADE 5, 1961

TABLE 149

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		148795.0000	3660						
MEAN		118186.6226	1	118186.6226	14132.1719			0.0000	
ERROR		30608.3774	3659	8.3629					
CUR		2138.5322	1	2138.5322	337.5522			0.0000	
SEX		229.3984	1	229.3984	36.2089			0.0001	
F.ED		831.5610	3	277.1870	43.7520			0.0000	
RACE		1658.1860	1	1658.1860	261.7329			0.0000	
ERROR		23149.5804	3653	6.3354					
CS		25.0618	1	25.0618	3.9942			0.0459	
CF		93.1522	3	31.0507	4.9487			0.0021	
CR		58.4160	1	58.4160	9.3100			0.0025	
SF		52.4350	3	17.4783	2.7856			0.0394	
SR		3.0372	1	3.0372	0.4841			0.4868	
FR		35.0221	3	11.6740	1.8605			0.1341	
ERROR		22851.9418	3641	6.2746					
CSF		2.4796	3	0.8265	0.1314			0.9415	
CSR		1.5925	1	1.5925	0.2532			0.6150	
CFR		3.3610	3	1.1203	0.1782			0.9111	
SFR		4.1281	3	1.3760	0.2188			0.8833	
ERROR		22840.6839	3631	6.2887					
CSFR		14.1630	3	4.7210	0.7506			0.5218	
ERROR		22826.5210	3628	6.2900					

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SCALE E (MUSIC, ART), GRADE 7, 1963

TABLE 150

DEPENDENT VARIABLE		***** ANALYSIS OF		VARIANCE TABLE *****		PROBABILITY	
		1				OF LARGER F	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	148705.0000	3592					
MEAN	122189.7928	1	122189.7928	16552.9805	0.0000		
ERROR	26515.2042	3591	7.3817				
CUR	1968.2966	1	1968.2966	345.3247	0.0000		
SEX	119.4112	1	119.4112	20.9499	0.0001		
F.ED	481.8356	3	160.6119	28.1783	0.0000		
RACE	1478.0855	1	1478.0855	259.3203	0.0000		
ERROR	20439.6280	3585	5.6998				
CS	40.3367	1	40.3367	7.1211	0.0077		
CF	77.7898	3	25.9299	4.5777	0.0035		
CR	16.0718	1	16.0718	2.8373	0.0924		
SF	25.1973	3	8.3991	1.4828	0.2172		
SR	4.0796	1	4.0796	0.7202	0.3963		
FR	29.7311	3	9.9104	1.7496	0.1547		
ERROR	20244.5739	3573	5.6644				
CSF	13.2121	3	4.4040	0.7791	0.5054		
CSR	67.4790	1	67.4790	11.9367	0.0002		
CFR	8.1799	3	2.7266	0.4823	0.6946		
SFR	15.5503	3	5.1834	0.9169	0.4317		
ERROR	20147.5247	3563	5.6531				
CSFR	14.5887	3	4.8629	0.8601	0.4608		
ERROR	20132.9360	3560	5.6537				

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TGI SCALE E (MUSIC, ART), GRADE 9, 1965

TABLE 151

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****			
		1							
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY		
TOTAL		166388.0000	3539				A	academic	
MEAN		154836.5548	1	154836.5548	17367.3945	0.0000	B	black	
ERROR		31551.4452	3538	8.9154			BEQ	Background and Experience Questionnaire	
CUR		2496.5643	1	2496.5643	375.7578	0.0000	COLL	college	
SEX		0.0874	1	0.0874	0.0132	0.9087	CF	curriculum-father's education interaction	
F.ED		778.6000	3	259.5333	39.0623	0.0000	CR	curriculum-race interaction	
RACE		1769.5469	1	1769.5469	266.3345	0.0000	CS	curriculum-sex interaction	
ERROR		23473.5176	3532	6.6441			CUR	curriculum	
CS		11.3222	1	11.3222	1.7175	0.1903	D.K.	respondent did not know	
CF		80.5511	3	26.8504	4.0730	0.0068	ELEM	elementary school	
CR		87.9275	1	87.9275	13.3379	0.0004	F	female	
SF		28.9910	3	9.6637	1.4659	0.2218	F.ED	father's education	
SR		9.2256	1	9.2256	1.3994	0.2370	HS	high school	
FR		32.9776	3	10.9925	1.6675	0.1719	M	male	
ERROR		23211.5549	3520	6.5923			MAX	maximum	
CSF		18.1066	3	6.0355	0.9161	0.4320	MIN	minimum	
CSR		37.0050	1	37.0050	5.6166	0.0178	N	(when in "curriculum" column) non-academic	
CFR		11.3435	3	3.7812	0.5739	0.6319	N	number of cases	
SFR		11.2319	3	3.7440	0.5683	0.6357	NDF	number of degrees of freedom	
ERROR		23132.1904	3510	6.5885			SCAT	School and College Ability Tests	
CSFR		23.6657	3	7.8886	1.1975	0.3091	S.D.	standard deviation	
ERROR		23108.5246	3507	6.5874			STEP	Sequential Tests of Educational Progress	
							TGI	Test of General Information	
							W	white	
							*	no valid statistic (N < 5)	

KEY

A academic
 B black
 BQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE E (MUSIC, ART), GRADE 11, 1967

TABLE 152

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		PROBABILITY	
		1						OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO				
TOTAL		285443.0000	3569						
MEAN		254037.1431	1	254037.1431	28869.0781	0.0000			
ERROR		31405.8569	3568	8.7996					
CUR		3543.9927	1	3543.9927	574.6184	0.0000			
SEX		138.6488	1	138.6488	22.4803	0.0001			
F-ED		791.2383	3	263.7461	42.7635	0.0000			
RACE		1501.5030	1	1501.5030	243.4518	0.0000			
ERROR		21974.9992	3562	6.1676					
CS		1.7630	1	1.7630	0.2891	0.5909			
CF		42.7768	3	14.2589	2.3383	0.0717			
CR		16.2464	1	16.2464	2.6643	0.1028			
SF		148.4281	3	49.4760	8.1136	0.0001			
SR		5.5238	1	5.5238	0.9059	0.3414			
FR		52.9288	3	17.6429	2.8933	0.0341			
ERROR		21653.6115	3550	6.0979					
CSF		19.6439	1	19.6439	1.0780	0.3571			
CSR		60.6119	1	60.6119	9.9790	0.0016			
CFR		49.8362	3	16.6121	2.7350	0.0422			
SFR		21.9791	3	7.3264	1.2062	0.3059			
ERROR		21507.7280	3540	6.0739					
CSFR		12.2693	3	4.0898	0.6731	0.5683			
ERROR		21495.4586	3537	6.0756					

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) no item
N	number of
NDF	number of degrees of freedom
SCAT	School and College Ability Test
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 153

TGI SCALE F (HISTORY, LITERATURE), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1834	7.62	2.89	0.0	15.00	3.75	5.53	7.67	9.80	11.40
NON-ACADEMIC		1827	5.46	2.50	0.0	14.00	2.38	3.62	5.26	7.14	8.90
MALES		1721	6.78	2.99	0.0	15.00	2.91	4.53	6.61	8.98	10.88
FEMALES		1940	6.34	2.83	0.0	14.00	2.75	4.21	6.15	8.31	10.30
ELEM F.ED.		1049	5.89	2.64	0.0	15.00	2.63	3.94	5.68	7.64	9.49
HS F.ED.		961	6.39	2.83	0.0	15.00	2.82	4.28	6.16	8.39	10.29
COLL F.ED.		1234	7.61	2.92	0.0	15.00	3.66	5.46	7.66	9.81	11.43
D.K.F.ED.		417	5.39	2.76	0.0	13.00	2.03	3.31	5.09	7.21	9.26
BLACK		580	4.33	2.19	0.0	12.00	1.64	2.76	4.15	5.65	7.28
WHITE		3081	6.96	2.85	0.0	15.00	3.25	4.85	6.84	9.03	10.86
NOT IN SAMPLE		5103	5.81	3.00	0.0	15.00	2.04	3.54	5.47	7.87	10.13

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	18	4.61	1.72	2.30	3.86	4.50	5.88	6.60
A	M	ELEM	W	160	7.32	3.01	3.28	5.21	7.44	9.62	11.21
A	M	HS	B	30	5.07	2.68	1.70	2.60	5.17	7.25	8.50
A	M	HS	W	228	7.84	2.88	3.96	5.72	7.94	9.93	11.41
A	M	COLL	B	20	6.30	2.13	3.50	4.83	6.00	8.07	8.50
A	M	COLL	W	397	9.66	2.71	4.94	6.77	8.85	10.71	12.12
A	M	D.K.	B	16	4.63	1.59	2.30	3.67	4.33	6.00	6.70
A	M	D.K.	W	38	7.63	2.69	4.43	5.42	7.75	9.87	11.30
A	F	ELEM	B	36	5.08	2.35	2.15	3.72	4.79	6.30	7.70
A	F	ELEM	W	147	7.09	2.87	3.37	4.92	6.89	9.21	10.91
A	F	HS	B	26	4.88	2.80	0.80	3.00	4.83	7.00	8.70
A	F	HS	W	187	7.42	2.73	3.68	5.57	7.52	9.56	11.02
A	F	COLL	B	15	6.33	2.77	2.75	3.88	6.67	8.62	10.00
A	F	COLL	W	447	8.04	2.64	4.60	6.15	8.04	10.05	11.57
A	F	D.K.	B	13	4.69	2.53	1.65	2.75	4.33	6.25	8.85
A	F	D.K.	W	56	6.64	2.92	2.82	4.50	6.37	8.70	10.38
N	M	ELEM	B	54	3.93	1.95	1.58	2.72	3.58	4.92	6.77
N	M	ELEM	W	239	5.84	2.29	2.85	4.18	5.81	7.54	8.89
N	M	HS	B	50	4.40	2.10	1.90	3.25	4.23	5.27	6.50
N	M	HS	W	171	5.83	2.64	2.42	3.92	5.66	7.72	9.66
N	M	COLL	B	21	4.90	2.49	1.20	3.12	5.00	6.42	8.45
N	M	COLL	W	141	6.73	2.72	3.31	4.65	6.86	8.45	10.31
N	M	D.K.	B	52	3.69	1.97	0.90	2.25	3.75	5.20	6.30
N	M	D.K.	W	86	5.48	2.53	2.45	3.55	5.21	6.93	8.63
N	F	ELEM	B	86	4.05	1.87	1.61	2.54	4.10	5.36	6.45
N	F	ELEM	W	309	5.64	2.25	2.70	3.96	5.53	7.28	8.74
N	F	HS	B	56	4.23	1.81	2.01	3.13	4.11	5.14	6.63
N	F	HS	W	213	5.77	2.24	2.91	4.28	5.73	7.11	8.63
N	F	COLL	B	22	3.45	2.26	1.65	2.06	2.79	3.75	6.40
N	F	COLL	W	171	5.94	2.77	2.66	3.89	5.52	7.67	10.16
N	F	D.K.	B	65	3.45	1.82	1.00	2.25	3.26	4.69	6.00
N	F	D.K.	W	91	6.20	2.61	2.81	4.11	6.22	8.16	9.49
TOTAL		3661	6.54	2.91	0.0	15.00	2.92	4.35	6.36	8.63	10.58

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 154

TGI SCALE F (HISTORY, LITERATURE), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1804	8.09	2.75	0.0	15.00	4.34	6.17	8.23	10.09	11.53
NON-ACADEMIC		1789	5.76	2.54	0.0	13.00	2.55	3.88	5.41	7.49	9.22
MALES		1682	7.17	2.99	0.0	15.00	3.26	4.90	7.13	9.44	11.20
FEMALES		1911	6.72	2.79	0.0	15.00	2.98	4.63	6.71	8.77	10.44
ELEM F.ED.		1032	6.09	2.74	0.0	15.00	2.63	4.07	5.88	8.01	9.89
HS F.ED.		948	6.78	2.77	0.0	15.00	3.21	4.66	6.67	8.75	10.58
COLL F.ED.		1210	8.09	2.77	0.0	15.00	4.25	6.26	8.25	10.10	11.44
D.K. F.ED.		403	5.97	2.79	0.0	15.00	2.30	3.89	5.95	7.71	9.82
BLACK		561	4.94	2.33	0.0	13.00	1.95	3.22	4.82	6.51	8.08
WHITE		3032	7.30	2.84	0.0	15.00	3.54	5.20	7.34	9.36	11.06
NOT IN SAMPLE		4373	6.12	3.02	0.0	15.00	2.36	3.81	5.86	8.21	10.30

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F.ED RACE											
A	M	ELEM	B	18	5.22	2.51	1.00	1.90	3.25	5.50	6.40
A	M	ELEM	M	155	7.65	2.98	1.00	3.80	5.41	7.71	9.99
A	M	HS	B	29	5.83	2.25	2.00	2.98	4.06	5.42	7.79
A	M	HS	M	224	8.22	2.87	2.00	4.38	6.18	8.16	10.27
A	M	COLL	B	19	5.95	3.15	1.00	1.45	3.87	6.60	7.62
A	M	COLL	M	388	9.12	2.48	1.00	5.67	7.48	9.40	10.88
A	M	D.K.	B	15	5.93	1.83	3.00	3.75	4.75	5.80	6.62
A	M	D.K.	M	38	8.26	2.68	2.00	4.95	6.20	8.12	10.20
A	F	ELEM	B	35	6.06	2.21	2.00	3.33	4.18	6.00	7.75
A	F	ELEM	M	145	7.14	2.97	0.0	3.05	4.95	7.12	9.37
A	F	HS	B	27	5.74	2.73	0.0	2.68	3.75	5.63	7.31
A	F	HS	M	185	7.86	2.46	0.0	4.62	6.19	8.12	9.47
A	F	COLL	B	15	6.47	2.70	1.00	2.00	4.88	6.88	8.62
A	F	COLL	M	443	8.55	2.38	1.00	5.38	6.99	8.64	10.20
A	F	D.K.	B	12	6.17	2.33	1.00	2.70	5.00	6.83	7.83
A	F	D.K.	M	56	7.89	2.61	2.00	4.65	6.50	7.83	9.75
N	M	ELEM	B	54	4.93	2.23	0.0	2.35	3.25	4.83	6.42
N	M	ELEM	M	235	5.90	2.52	0.0	2.73	4.14	5.71	7.69
N	M	HS	B	46	5.17	1.89	2.00	2.93	3.95	4.95	6.19
N	M	HS	M	170	6.29	2.50	2.00	3.06	4.21	6.18	8.17
N	M	COLL	B	21	5.19	2.62	0.0	1.60	3.75	5.00	7.25
N	M	COLL	M	134	7.12	2.86	1.00	3.10	5.11	7.37	9.15
N	M	D.K.	B	51	4.41	2.33	0.0	1.09	2.75	4.44	6.15
N	M	D.K.	M	85	5.53	2.69	0.0	2.36	3.44	5.37	7.27
N	F	ELEM	B	85	4.42	2.16	0.0	1.85	2.83	4.21	5.94
N	F	ELEM	M	305	5.67	2.40	0.0	2.43	3.93	5.67	7.30
N	F	HS	B	55	4.31	2.02	1.00	1.67	2.91	4.11	5.54
N	F	HS	M	212	5.97	2.35	0.0	3.07	4.25	5.86	7.55
N	F	COLL	B	21	3.71	2.10	1.00	1.20	1.95	3.80	4.94
N	F	COLL	M	169	6.55	2.49	1.00	3.49	4.61	6.66	8.27
N	F	D.K.	B	53	4.12	1.94	0.0	1.72	2.38	4.05	5.78
N	F	D.K.	M	88	6.26	2.48	2.00	2.95	4.29	6.41	7.80
TOTAL		3593	6.93	2.89	0.0	15.00	3.11	4.76	6.39	9.04	10.83

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 155

TGI SCALE F (HISTORY, LITERATURE), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1775	8.30	2.56	1.00	15.00	4.85	6.52	8.43	10.13	11.65
NON-ACADEMIC		1765	5.99	2.31	0.0	13.00	3.00	4.32	5.87	7.60	9.14
MALES		1659	7.50	2.82	0.0	15.00	3.82	5.41	7.42	9.54	11.31
FEMALES		1881	6.84	2.56	0.0	14.00	3.54	4.95	6.74	8.72	10.25
ELEM F.ED.		984	6.43	2.48	0.0	15.00	3.25	4.64	6.30	8.09	9.77
HS F.ED.		935	7.01	2.61	0.0	14.00	3.66	5.06	6.98	8.90	10.39
COLL F.ED.		1216	8.20	2.62	1.00	15.00	4.73	6.25	8.30	10.13	11.65
O.K.F.ED.		405	6.05	2.59	0.0	13.00	2.79	4.13	5.82	7.88	9.46
BLACK		572	5.16	2.29	0.0	14.00	2.34	3.51	4.91	6.50	8.36
WHITE		2968	7.53	2.61	0.0	15.00	4.13	5.65	7.46	9.37	11.04
NOT IN SAMPLE		4844	6.25	2.74	0.0	15.00	2.75	4.24	6.09	8.11	9.99

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
ICUR	SEX F.ED RACE										
A	M ELEM B	17	4.88	1.90	2.00	10.00	2.73	3.56	4.67	5.94	6.80
A	M ELEM W	151	8.09	2.59	2.00	15.00	4.72	6.34	8.02	9.88	11.60
A	M HS B	30	5.63	2.86	1.00	10.00	1.83	3.58	5.17	8.33	9.50
A	M HS W	219	8.49	2.45	2.00	14.00	5.41	6.77	8.59	10.09	11.69
A	M COLL B	20	7.45	2.67	4.00	12.00	4.00	4.83	7.83	9.50	11.00
A	M COLL W	393	9.45	2.39	3.00	15.00	6.22	7.72	9.64	11.26	12.35
A	M O.K. B	16	6.00	2.22	2.00	9.00	2.80	4.75	5.83	8.00	8.97
A	M O.K. W	37	8.81	2.15	3.00	13.00	6.18	7.54	8.82	9.94	11.80
A	F ELEM B	36	5.69	2.15	2.00	10.00	2.90	4.10	5.28	7.50	8.63
A	F ELEM W	126	7.79	2.23	2.00	13.00	4.95	6.35	7.74	9.38	10.66
A	F HS B	27	5.85	2.74	2.00	14.00	3.20	4.25	5.11	6.92	9.80
A	F HS W	179	8.05	2.35	2.00	13.00	4.88	6.44	8.16	9.61	11.07
A	F COLL B	13	7.54	3.10	3.00	12.00	3.60	4.25	8.00	10.25	11.35
A	F COLL W	444	8.43	2.30	2.00	14.00	5.45	6.68	8.50	10.09	11.43
A	F D.K. B	12	6.25	2.60	3.00	12.00	3.00	3.50	6.50	7.50	8.40
A	F D.K. W	55	7.60	2.51	2.00	12.00	4.20	5.84	7.44	9.54	11.25
N	M ELEM B	55	5.38	1.97	2.00	11.00	2.92	3.93	5.25	6.66	7.87
N	M ELEM W	220	6.23	2.24	1.00	13.00	3.56	4.57	6.10	7.47	9.30
N	M HS B	50	5.58	2.44	2.00	11.00	2.33	3.78	5.25	7.22	9.00
N	M HS W	163	6.50	2.40	0.0	12.00	3.43	4.84	6.56	8.11	9.80
N	M COLL B	21	5.29	1.85	2.00	9.00	2.60	4.25	5.14	6.42	7.95
N	M COLL W	135	7.30	2.46	2.00	13.00	4.00	5.63	7.35	9.01	10.46
N	M D.K. B	50	4.48	2.11	0.0	9.00	1.50	3.00	4.67	5.81	7.17
N	M D.K. W	82	6.06	2.50	2.00	13.00	2.90	4.25	5.83	7.73	9.66
N	F ELEM B	86	4.41	1.76	1.00	8.00	2.01	2.96	4.55	5.61	6.60
N	F ELEM W	293	6.11	2.24	0.0	12.00	3.15	4.53	6.09	7.71	9.04
N	F HS B	56	4.75	2.08	2.00	11.00	2.43	3.12	4.32	6.06	7.85
N	F HS W	211	6.29	2.05	1.00	11.00	3.69	4.71	6.21	7.87	9.13
N	F COLL B	20	4.35	2.03	1.00	10.00	1.83	2.83	4.50	5.50	6.25
N	F COLL W	170	6.41	2.12	1.00	11.00	3.57	4.88	6.27	8.05	9.34
N	F D.K. B	63	4.37	1.76	1.00	9.00	2.16	2.98	4.15	5.66	6.89
N	F D.K. W	50	6.01	2.19	1.00	12.00	3.50	4.40	5.60	7.77	8.94
TOTAL		3540	7.15	2.70	0.0	15.00	3.66	5.15	7.05	9.10	10.79

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 C curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 156

TGI SCALE F (HISTORY, LITERATURE), GRADE 11, 1967

CLASSIFICATION - MARGINALS											
		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
ACADEMIC		1800	9.29	2.71	0.0	15.00	5.52	7.50	9.53	11.31	12.67
NON-ACADEMIC		1770	6.76	2.83	0.0	14.00	3.06	4.65	6.65	8.86	10.59
MALES		1676	8.56	2.93	0.0	15.00	4.47	6.50	8.81	10.80	12.27
FEMALES		1894	7.58	3.07	0.0	15.00	3.54	5.25	7.55	9.93	11.70
ELEM F.ED.		1045	7.12	2.89	0.0	15.00	3.36	4.94	7.11	9.17	11.01
HS F.ED.		955	7.91	2.98	0.0	15.00	3.99	5.68	7.86	10.16	11.97
COLL F.ED.		1231	9.29	2.75	0.0	15.00	5.44	7.45	9.64	11.31	12.57
D.K.F.ED.		339	6.68	3.07	0.0	14.00	2.82	4.31	6.44	8.92	11.01
BLACK		548	5.43	2.61	0.0	13.00	2.14	3.50	5.22	7.25	9.09
WHITE		3022	8.51	2.87	0.0	15.00	4.57	6.43	8.68	10.69	12.23
NOT IN SAMPLE		3409	7.31	3.05	0.0	15.00	3.17	5.05	7.29	9.58	11.43

CLASSIFICATION - I/R SEX F-ED RACE											
		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M	ELEM	B	18	6.67	2.85	3.30	4.75	7.00	8.38	10.23
A	M	ELEM	W	160	8.97	2.69	5.13	7.17	9.05	10.89	12.59
A	M	HS	B	30	6.70	2.91	2.83	4.33	6.30	9.33	10.50
A	M	HS	W	228	9.75	2.33	6.69	8.23	9.85	11.50	12.57
A	M	CULL	B	20	7.45	2.44	4.50	5.50	7.00	9.50	11.00
A	M	CULL	W	397	10.39	2.25	7.30	9.03	10.60	12.05	13.10
A	M	D.K.	B	11	6.82	1.94	5.00	5.42	6.13	8.12	9.40
A	M	D.K.	W	25	9.44	2.80	5.00	8.12	9.60	11.75	13.00
A	F	ELEM	B	37	5.86	2.26	3.07	4.61	5.45	7.65	8.82
A	F	ELEM	W	147	8.32	2.77	4.58	6.61	8.17	10.37	12.07
A	F	HS	B	26	6.04	2.95	2.10	4.33	6.00	7.40	10.70
A	F	HS	W	185	9.05	2.71	5.45	7.10	8.95	11.15	12.80
A	F	CULL	B	15	6.93	2.49	3.75	5.25	7.13	8.25	10.75
A	F	CULL	W	447	9.71	2.43	6.49	8.20	9.89	11.37	12.79
A	F	D.K.	B	12	7.42	2.07	5.55	6.00	7.83	9.00	9.90
A	F	D.K.	W	42	8.64	2.88	4.74	6.13	8.83	11.37	12.22
N	M	ELEM	B	54	5.35	2.61	2.10	3.54	5.17	7.20	9.15
N	M	ELEM	W	236	7.36	2.56	4.07	5.53	7.38	9.07	10.81
N	M	HS	B	48	5.92	2.44	3.10	4.50	5.67	7.28	9.23
N	M	HS	W	170	7.90	2.64	4.62	5.98	7.59	9.72	11.50
N	M	COLL	B	21	6.00	2.51	3.00	3.38	6.63	7.94	8.95
N	M	COLL	W	141	8.82	2.63	4.85	7.09	9.19	10.87	11.96
N	M	D.K.	B	42	5.02	2.62	2.52	3.22	4.50	6.37	8.90
N	M	D.K.	W	75	7.25	2.64	3.92	5.36	7.44	9.22	10.44
N	F	ELEM	B	84	4.45	2.19	1.76	2.73	4.19	5.92	7.73
N	F	ELEM	W	309	6.61	2.63	3.16	4.67	6.39	8.49	10.24
N	F	HS	B	55	4.67	2.28	2.00	2.93	4.44	6.25	8.08
N	F	HS	W	213	6.66	2.61	3.63	4.78	6.34	8.28	10.33
N	F	COLL	B	21	4.38	2.85	0.87	1.92	4.25	6.42	8.40
N	F	COLL	W	169	7.45	2.60	4.06	5.55	7.25	9.53	11.01
N	F	D.K.	B	54	4.30	2.25	1.40	2.67	4.00	6.00	7.20
N	F	D.K.	W	78	6.62	3.00	2.76	4.22	6.50	8.33	10.94
TOTAL		3570	8.04	3.05	0.0	15.00	3.87	5.76	8.16	10.36	12.03

KEY	A	B	BEQ	COLL	CF	CR	CS	GUR	D.K.	ELEM	F	F.ED	HS	M	MAX	MIN	N	NDF	SCAT	S.D.	STEP	TGI	W	*	
academic								curriculum	respondent did not know	elementary school	female	father's education	high school	male				number of cases	School and College	Ability Tests	Sequential deviation	Educational Progress	Test of General Information	white	no valid statistic
black								maximum										non-academic							
Background and Experience								minimum										number of degrees of freedom							
Background Questionnaire																									
college																									
curriculum-father's education interaction																									
curriculum-race interaction																									
curriculum-sex interaction																									

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 157

TGI SCALE F (HISTORY, LITERATURE), GRADE 5, 1961

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****					
		1					
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	
TOTAL		187854.0000	3660				
MEAN		156757.5717	1	156757.5717	18450.1055	0.0000	
ERROR		31096.4283	3659	8.4963			
CUR		2155.7449	1	2155.7449	328.3809	0.0000	
SEX		96.7345	1	96.7345	14.7354	0.0002	
F-ED		490.6450	3	163.5483	24.9130	0.0000	
RACE		1833.0209	1	1833.0209	279.2209	0.0000	
ERROR		23987.6541	3653	6.5648			
CS		2.6695	1	2.6695	0.4084	0.5229	
CF		56.6450	3	18.8817	2.8886	0.0343	
CR		29.2709	1	29.2709	4.4780	0.0345	
SF		44.0914	3	14.6971	2.2484	0.0807	
SR		0.3907	1	0.3907	0.0598	0.8070	
FR		15.3163	3	5.1054	0.7810	0.5043	
ERROR		23806.4341	3641	6.5366			
CSF		41.0756	3	13.6919	2.0961	0.0986	
CSR		16.2188	1	16.2188	2.4830	0.1156	
CFR		21.4243	3	7.1414	1.0933	0.3506	
SFR		12.3038	3	4.1013	0.6279	0.5969	
ERROR		23724.2041	3631	6.5320			
CSFR		10.3630	3	3.4543	0.5286	0.6624	
ERROR		23713.8411	3628	6.5345			
KEY							
A	academic						
B	black						
BEQ	Background and Experience Questionnaire						
COLL	college						
CF	curriculum-father's education interaction						
CR	curriculum-race interaction						
CS	curriculum-sex interaction						
CUR	curriculum						
D.K.	respondent did not know						
ELEM	elementary school						
F	female						
F-ED	father's education						
HS	high school						
M	male						
MAX	maximum						
MIN	minimum						
N	(when in "curriculum" column) non-academic						
N	number of cases						
NDF	number of degrees of freedom						
SCAT	School and College Ability Tests						
S.D.	standard deviation						
STEP	Sequential Tests of Educational Progress						
TGI	Test of General Information						
W	white						
*	no valid statistic (N < 5)						

TGI SCALE F (HISTORY, LITERATURE), GRADE 7, 1963

TABLE 158

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	F	
TOTAL		202702.0000	3592				
MEAN		172615.8899	1	172615.8899	20608.7148		0.0000
ERROR		30086.1101	3591	8.3759			
CUR		2593.6487	1	2593.6487	407.3616		0.0000
SEX		105.2862	1	105.2862	16.5364		0.0001
F.ED		661.5254	3	220.5085	34.6333		0.0000
RACE		1280.2103	1	1280.2103	201.0714		0.0000
ERROR		22831.8499	3585	6.3669			
CS		0.0001	1	0.0001	0.0000		0.9966
CF		26.9877	3	8.9959	1.4199		0.2350
CR		26.7201	1	26.7201	4.2175		0.0401
SF		40.7598	3	13.5866	2.1445		0.0926
SR		1.6124	1	1.6124	0.2545		0.6140
FR		66.8840	3	22.2947	3.5190		0.0146
ERROR		22642.9990	3573	6.3355			
CSF		18.2072	3	6.0691	0.9583		0.4113
CSR		47.0414	1	47.0414	7.4276		0.0065
CFR		4.8128	3	1.6043	0.2533		0.8590
SFR		9.4306	3	3.1435	0.4963		0.6845
ERROR		22571.8938	3563	6.3333			
CSFR		4.6898	3	1.5633	0.2467		0.8639
ERROR		22567.2040	3560	6.3373			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know elementary school female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 159

TGI SCALE F (HISTORY, LITERATURE), GRADE 9, 1965

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		206838.0000	3539				
MEAN		180987.3314	1	180987.8314	24778.0078		0.0000
ERROR		25850.1686	3538	7.3044			
CUR		2520.7006	1	2520.7006	473.1672		0.0000
SEX		245.4990	1	245.4990	46.0832		0.0001
F.ED		425.5895	3	141.9965	26.6545		0.0000
RACE		1308.6144	1	1308.6144	245.6434		0.0000
ERROR		18821.3204	3532	5.3273			
CS		1.6987	1	1.6987	0.3211		0.5711
CF		34.5167	3	11.5056	2.1748		0.0890
CR		56.6265	1	56.6265	10.7035		0.0012
SF		70.0443	3	23.3481	4.4132		0.0042
SR		0.0374	1	0.0374	0.0071		0.9331
FR		0.4345	3	0.1448	0.0274		0.9938
ERROR		18627.7302	3520	5.2905			
CSF		17.6317	3	5.8772	1.1148		0.3417
CSR		53.0810	1	53.0810	10.0680		0.0016
CFR		50.5726	3	16.8575	3.1974		0.0226
SFR		9.0488	3	3.0163	0.5721		0.6333
ERROR		18510.8259	3510	5.2722			
CSFR		2.4594	3	0.8198	0.1554		0.9261
ERROR		18508.3665	3507	5.2760			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 160

TGI SCALE F (HISTORY, LITERATURE), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF				VARIANCE TABLE *****		F RATIO	PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES		NDF		MEAN SQUARE			
TOTAL		263756.0000		3509		230661.0224			
MEAN		230661.0224		1		230661.0224			
ERROR		33094.9776		3568		9.2729			
CUR		2778.1373		1		2778.1373			
SEX		615.4365		1		615.4365			
F-ED		760.0393		3		253.3464			
RACE		2425.1279		1		2425.1279			
ERROR		23034.5280		3562		6.4649			
CS		38.0854		1		38.0854			
CF		26.6580		3		8.8860			
CR		14.4025		1		14.4025			
SF		23.0969		3		7.6990			
SR		0.0041		1		0.0041			
FR		21.3007		3		7.1002			
ERROR		22911.7745		3550		6.4522			
CSF		13.3080		3		4.4360			
CSR		2.1314		1		2.1314			
CFR		25.4995		3		8.4998			
SFR		2.2344		3		0.7448			
ERROR		22869.1321		3540		6.4584			
CSFR		5.8301		3		1.9434			
ERROR		22863.3020		3537		6.4622			

KEY	
A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F-ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	.. valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * "o" valid statistic (N < 5)

TABLE 161

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1834	7.49	2.79	0.0	15.00	3.91	5.48	7.42	9.54	11.26
NON-ACADEMIC		1827	5.52	2.57	0.0	14.00	2.35	3.64	5.28	7.29	9.06
MALES		1721	6.77	2.98	0.0	15.00	2.98	4.54	6.62	8.91	10.86
FEMALES		1940	6.27	2.72	0.0	14.00	2.79	4.28	6.14	8.16	10.05
ELEM F.ED.		1049	5.76	2.63	0.0	15.00	2.52	3.85	5.49	7.47	9.36
HS F.ED.		961	6.42	2.83	0.0	14.00	2.85	4.36	6.23	8.36	10.36
COLL F.ED.		1234	7.57	2.75	0.0	15.00	3.97	5.61	7.58	9.58	11.22
D.K.F.ED.		417	5.42	2.73	0.0	14.00	2.18	3.38	5.17	7.19	9.25
BLACK		580	4.26	2.17	0.0	12.00	1.52	2.74	4.13	5.63	7.20
WHITE		3081	6.93	2.77	0.0	15.00	3.43	4.87	6.82	8.89	10.68
NOT IN SAMPLE		5103	5.87	2.87	0.0	15.00	2.26	3.76	5.61	7.78	9.84

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
ICUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	18	3.89	2.14	0.0	8.00	0.77	2.67	4.50	5.14	6.70
A	M	ELEM	W	160	7.12	2.95	0.0	15.00	3.28	4.85	7.11	9.26	10.50
A	M	HS	B	30	5.87	2.60	1.00	12.00	2.83	4.13	5.70	7.62	9.00
A	M	HS	W	228	7.61	2.84	1.00	14.00	3.96	5.61	7.54	9.74	11.65
A	M	COLL	B	20	5.30	2.34	1.00	10.00	2.50	3.83	5.10	6.50	8.50
A	M	COLL	W	397	8.59	2.70	1.00	15.00	5.17	6.66	8.53	10.55	12.23
A	M	D.K.	B	16	4.31	1.30	3.00	7.00	3.00	3.17	4.17	5.25	6.20
A	M	D.K.	W	38	7.92	2.80	4.00	14.00	4.45	5.60	7.70	9.80	12.23
A	F	ELEM	B	36	4.97	2.29	0.0	10.00	2.15	3.30	4.39	6.93	7.85
A	F	ELEM	W	147	6.67	2.67	0.0	14.00	3.54	4.79	6.35	8.44	10.53
A	F	HS	B	26	4.77	2.30	1.00	10.00	1.90	2.88	4.70	6.33	7.97
A	F	HS	W	187	7.44	2.55	2.00	14.00	4.06	5.63	7.29	9.19	10.87
A	F	COLL	B	15	5.07	1.79	1.00	9.00	3.00	4.38	5.08	5.92	7.00
A	F	COLL	W	447	7.93	2.37	1.00	14.00	4.82	6.17	7.95	9.75	11.07
A	F	D.K.	B	13	4.62	2.50	0.0	9.00	0.80	3.63	4.88	6.25	7.35
A	F	D.K.	W	56	6.84	2.42	1.00	12.00	4.10	5.00	6.39	8.50	10.30
N	M	ELEM	B	54	3.85	1.98	0.0	9.00	1.38	2.44	3.79	4.94	6.65
N	M	ELEM	W	239	5.77	2.39	0.0	13.00	2.81	4.02	5.49	7.36	9.05
N	M	HS	B	50	4.38	2.09	0.0	10.00	1.67	2.86	4.30	5.87	6.50
N	M	HS	W	171	6.18	2.77	0.0	14.00	2.70	4.01	5.89	8.21	10.06
N	M	COLL	B	21	5.48	2.18	0.0	9.00	3.52	4.15	5.20	7.25	8.47
N	M	COLL	W	141	7.11	2.62	0.0	13.00	3.74	5.02	7.16	9.08	10.59
N	M	D.K.	B	52	3.69	2.31	0.0	10.00	0.67	1.83	3.50	5.50	6.47
N	M	D.K.	W	86	5.56	2.39	0.0	12.00	2.74	3.62	5.33	7.27	8.63
N	F	ELEM	B	86	3.93	1.85	0.0	9.00	1.63	2.62	3.70	5.23	6.66
N	F	ELEM	W	309	5.67	2.37	0.0	12.00	2.53	3.98	5.53	7.44	8.79
N	F	HS	B	56	4.18	1.91	0.0	9.00	1.73	2.83	4.12	5.32	6.90
N	F	HS	W	213	5.81	2.57	0.0	13.00	2.66	4.09	5.58	7.54	9.34
N	F	COLL	B	22	3.59	2.06	0.0	8.00	1.10	2.00	3.50	5.00	6.40
N	F	COLL	W	171	5.90	2.45	1.00	12.00	2.86	3.99	5.83	7.65	9.22
N	F	D.K.	B	65	3.49	2.02	0.0	9.00	1.08	2.31	3.16	4.58	6.25
N	F	D.K.	W	91	6.04	2.47	1.00	14.00	2.91	4.20	6.00	7.62	9.20
TOTAL				3661	6.51	2.85	0.0	15.00	2.87	4.40	6.35	8.47	10.40

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 162

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1804	7.74	2.71	0.0	15.00	4.07	5.87	7.78	9.79	11.26
NON-ACADEMIC		1789	5.71	2.50	0.0	14.00	2.55	3.86	5.60	7.41	9.05
MALES		1682	7.12	2.91	0.0	15.00	3.22	4.97	7.13	9.32	10.99
FEMALES		1911	6.39	2.65	0.0	14.00	2.91	4.47	6.29	8.21	10.02
ELEM F.ED.		1032	6.10	2.52	0.0	14.00	2.74	4.14	5.99	7.88	9.68
HS F.ED.		948	6.60	2.79	0.0	15.00	2.94	4.59	6.46	8.53	10.47
CULL F.ED.		1210	7.74	2.64	0.0	14.00	4.19	5.87	7.75	9.75	11.21
D.K.F.ED.		403	5.61	2.76	0.0	14.00	2.07	3.53	5.47	7.53	9.27
BLACK		561	4.52	2.25	0.0	12.00	1.70	2.85	4.37	5.99	7.53
WHITE		3032	7.14	2.70	0.0	15.00	3.57	5.18	7.09	9.09	10.80
NOT IN SAMPLE		4373	5.76	2.85	0.0	15.00	2.26	3.62	5.46	7.66	9.76

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	18	4.33	2.25	2.00	11.00	2.10	2.80	3.83	5.13	7.10
A	M ELEM W	155	7.47	2.82	0.0	14.00	3.73	5.61	7.53	9.51	11.08
A	M HS B	29	4.79	2.47	0.0	10.00	1.68	2.62	5.00	6.32	8.05
A	M HS W	224	8.21	2.62	1.00	15.00	4.77	6.29	8.17	10.20	11.55
A	M CULL B	19	5.95	2.12	2.00	12.00	3.95	4.75	5.43	7.12	8.20
A	M CULL W	388	8.95	2.37	2.00	14.00	5.77	7.19	9.26	10.75	11.85
A	M D.K. B	15	5.13	2.77	1.00	10.00	1.25	2.88	5.63	6.75	9.00
A	M D.K. W	38	7.95	2.56	3.00	14.00	4.20	6.14	7.93	9.67	11.30
A	F ELEM B	35	5.17	2.23	1.00	9.00	2.25	3.61	5.12	6.81	8.33
A	F ELEM W	145	6.88	2.88	0.0	13.00	2.92	4.85	6.91	9.11	10.56
A	F HS B	27	5.19	2.34	0.0	11.00	2.07	3.85	5.20	6.56	7.80
A	F HS W	185	7.48	2.51	2.00	13.00	4.27	5.68	7.29	9.26	11.08
A	F COLL B	15	5.07	2.25	0.0	8.00	1.75	4.25	5.60	6.35	7.75
A	F COLL W	443	7.95	2.37	2.00	14.00	4.77	6.27	7.99	9.62	11.09
A	F D.K. B	12	5.92	2.57	3.00	10.00	3.10	3.75	4.50	8.50	9.40
A	F D.K. W	56	7.39	2.65	2.00	13.00	3.80	5.75	7.39	9.10	11.10
N	M ELEM B	54	4.78	2.49	0.0	11.00	1.35	3.38	4.62	6.31	7.80
N	M ELEM W	235	6.18	2.49	1.00	12.00	2.87	4.22	6.13	8.10	9.53
N	M HS B	46	4.78	2.30	1.00	10.00	1.42	3.20	4.75	6.27	7.63
N	M HS W	170	6.61	2.58	1.00	14.00	3.25	4.72	6.50	8.48	10.06
N	M CULL B	21	5.14	2.50	0.0	9.00	2.05	3.56	4.88	7.69	8.47
N	M CULL W	134	7.25	2.59	1.00	13.00	3.66	5.63	7.35	8.89	10.73
N	M D.K. B	51	3.55	1.90	0.0	8.00	0.94	2.25	3.46	4.87	6.15
N	M D.K. W	85	5.64	2.62	1.00	14.00	2.20	3.75	5.56	7.35	8.86
N	F ELEM B	85	4.22	1.92	0.0	11.00	1.85	2.89	4.22	5.34	6.60
N	F ELEM W	305	5.92	2.20	1.00	14.00	3.07	4.38	5.92	7.25	8.60
N	F HS B	55	4.09	2.06	1.00	10.00	1.82	2.55	3.56	5.39	7.00
N	F HS W	212	5.63	2.40	0.0	13.00	2.63	3.84	5.56	7.29	8.82
N	F CULL B	21	4.19	1.89	1.00	8.00	1.78	2.62	4.08	5.42	6.95
N	F CULL W	169	5.99	2.22	0.0	11.00	3.26	4.43	5.90	7.40	8.91
N	F D.K. B	58	3.81	2.06	0.0	9.00	1.55	2.13	3.68	5.55	6.34
N	F D.K. W	38	5.88	2.29	1.00	11.00	2.94	4.28	5.41	7.67	9.03
TOTAL		5593	6.73	2.80	0.0	15.00	3.03	4.57	6.66	8.73	10.54

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race

CS interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TCI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 163

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
MARGINALS							10	25	50	75	90		
ACADEMIC		1775	7.68	2.69	1.00	15.00	4.00	5.82	7.73	9.53	11.29		
NON-ACADEMIC		1765	5.36	2.54	0.0	14.00	2.17	3.45	5.16	7.10	8.86		
MALES		1659	6.96	2.85	0.0	15.00	3.08	4.81	7.01	9.03	10.84		
FEMALES		1881	6.13	2.81	0.0	15.00	2.57	4.03	5.98	8.10	9.94		
ELEM F.ED.		984	5.70	2.63	0.0	15.00	2.34	3.73	5.53	7.40	9.31		
HS F.ED.		935	6.39	2.83	0.0	14.00	2.76	4.25	6.23	8.34	10.30		
COLL F.ED.		1216	7.67	2.67	0.0	15.00	4.02	5.86	7.74	9.45	11.28		
O.K.F.ED.		405	5.38	2.79	0.0	14.00	1.98	3.25	4.93	7.49	9.27		
BLACK		572	4.24	2.27	0.0	11.00	1.50	2.61	3.99	5.69	7.33		
WHITE		2968	6.96	2.75	0.0	15.00	3.27	4.93	6.95	8.90	10.75		
NOT IN SAMPLE		4844	5.65	2.75	0.0	15.00	2.19	3.58	5.41	7.47	9.45		
KEY													
A academic													
B black													
BEQ Background and Experience Questionnaire													
COLL college													
CF curriculum-father's education interaction													
CR curriculum-race interaction													
CS curriculum-sex interaction													
CUR curriculum													
D.K. respondent did not know													
ELEM elementary school													
F female													
F.ED father's education													
HS high school													
M male													
MAX maximum													
MIN minimum													
N (when in "curriculum" column) non-academic													
N number of cases													
NDF number of degrees of freedom													
SCAT School and College Ability Tests													
S.D. standard deviation													
STEP Sequential Tests of Educational Progress													
TGI Test of General Information													
W white													
* no valid statistic (N < 5)													
CLASSIFICATION													
ICUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M	ELEM	B	17	5.06	2.66	1.00	10.00	1.35	3.06	4.88	7.25	8.80
A	M	ELEM	W	151	7.32	2.67	1.00	15.00	3.81	5.54	7.15	9.32	10.69
A	M	HS	B	30	5.50	2.69	2.00	11.00	2.64	3.29	4.83	7.33	10.00
A	M	HS	W	219	8.11	2.46	2.00	14.00	4.83	6.34	8.17	9.79	11.44
A	M	COLL	B	20	5.95	2.63	1.00	10.00	2.83	4.00	5.50	8.50	9.50
A	M	COLL	W	393	8.71	2.32	2.00	14.00	5.83	7.13	8.61	10.59	11.83
A	M	O.K.	B	16	4.94	1.53	3.00	7.00	3.00	3.50	5.00	6.25	6.97
A	M	O.K.	W	37	8.03	2.63	2.00	13.00	4.20	6.66	8.00	9.75	11.60
A	F	ELEM	B	36	4.94	2.41	1.00	10.00	1.77	2.83	5.00	6.50	8.63
A	F	ELEM	W	126	6.75	2.85	1.00	13.00	2.97	4.72	6.67	8.79	10.84
A	F	HS	B	27	5.04	2.44	1.00	10.00	1.40	3.05	5.58	6.75	7.80
A	F	HS	W	179	7.44	2.76	2.00	14.00	3.67	5.35	7.38	9.31	11.51
A	F	COLL	B	13	5.15	2.30	2.00	10.00	2.65	3.58	4.67	6.25	8.35
A	F	COLL	W	444	7.99	2.50	1.00	15.00	4.83	6.28	7.96	9.63	11.38
A	F	O.K.	B	12	6.33	2.64	2.00	11.00	2.70	4.50	6.50	8.17	9.30
A	F	O.K.	W	55	6.96	2.24	2.00	12.00	3.60	5.44	7.33	8.53	9.60
A	N	ELEM	B	55	4.71	2.15	1.00	10.00	1.89	2.84	4.82	6.28	7.43
A	N	ELEM	W	220	5.89	2.43	0.0	12.00	2.70	4.18	5.84	7.47	9.19
A	N	HS	B	50	4.34	2.38	0.0	11.00	1.67	2.73	3.90	5.75	7.83
A	N	HS	W	163	6.12	2.60	1.00	12.00	2.72	4.08	6.03	7.88	9.74
A	N	COLL	B	21	4.48	1.99	1.00	9.00	2.03	2.92	4.20	5.75	7.40
A	N	COLL	W	135	7.11	2.61	1.00	13.00	3.21	5.31	7.29	8.99	10.45
A	N	O.K.	B	50	3.90	2.02	0.0	9.00	1.00	2.73	3.86	5.29	6.36
A	N	O.K.	W	82	5.85	2.83	1.00	14.00	2.70	3.72	5.17	8.00	9.97
A	N	ELEM	B	86	3.38	1.80	0.0	9.00	1.16	2.02	3.25	4.75	5.77
A	N	ELEM	W	293	5.26	2.22	0.0	12.00	2.56	3.62	5.16	6.81	8.21
A	N	HS	B	56	3.57	2.00	0.0	8.00	0.93	2.13	3.35	5.07	6.40
A	N	HS	W	211	5.43	2.25	1.00	12.00	2.51	3.89	5.23	6.85	8.42
A	N	COLL	B	20	3.35	1.87	0.0	6.00	0.83	2.00	3.17	5.00	6.00
A	N	COLL	W	170	6.19	2.34	1.00	13.00	3.15	4.52	6.07	7.90	9.15
A	N	O.K.	B	63	3.13	1.62	0.0	7.00	0.98	1.84	3.11	4.14	5.42
A	N	O.K.	W	90	5.24	2.70	1.00	13.00	2.00	3.15	4.81	7.08	9.17
TOTAL				3540	6.52	2.86	0.0	15.00	2.77	4.38	6.48	8.55	10.44

TABLE 164

TGI SCALE 6 (RECREATION, ENTERTAINMENT), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1600	9.07	2.54	0.0	15.00	5.73	7.29	9.12	10.94	12.38
NON-ACADEMIC		1770	7.08	2.37	0.0	14.00	3.96	5.50	7.11	8.70	10.15
MALES		1076	8.25	2.80	0.0	15.00	4.60	6.32	8.27	10.27	11.98
FEMALES		1854	7.93	2.50	1.00	15.00	4.67	6.17	7.91	9.63	11.31
ELEM F.ED.		1045	7.51	2.35	0.0	14.00	4.56	5.90	7.54	9.03	10.51
HS F.ED.		955	7.96	2.57	1.00	15.00	4.54	6.20	7.96	9.75	11.36
CULL F.ED.		1231	9.05	2.59	1.00	15.00	5.57	7.22	9.14	10.98	12.39
D.K.F.ED.		339	6.67	2.74	0.0	14.00	3.36	4.72	6.55	8.57	10.27
BLACK		548	6.11	2.32	0.0	13.00	3.08	4.51	6.10	7.72	9.01
WHITE		3022	8.44	2.55	0.0	15.00	5.13	6.66	8.44	10.23	11.86
NOT IN SAMPLE		3409	7.41	2.68	0.0	15.00	2.88	5.59	7.35	9.26	11.00
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM B	18	7.00	2.57	0.0	3.30	5.75	7.50	8.88	9.60
A	M	ELEM W	160	8.49	2.45	1.00	5.35	6.79	8.38	10.20	11.75
A	M	HS B	30	6.90	2.71	2.00	3.00	5.00	7.10	8.42	10.50
A	M	HS W	228	9.28	2.52	2.00	6.07	7.53	9.50	11.12	12.47
A	M	CULL B	20	7.95	2.37	5.00	5.50	6.10	7.25	9.50	11.50
A	M	CULL W	597	10.11	2.36	4.00	6.85	8.61	10.27	11.88	13.09
A	M	D.K. B	11	8.18	1.83	3.00	3.60	4.88	6.25	7.62	8.45
A	M	D.K. W	25	8.52	2.42	4.00	5.00	6.81	8.80	10.42	11.37
A	F	ELEM B	37	6.68	1.86	3.00	3.93	5.31	7.00	8.06	8.65
A	F	ELEM W	147	8.53	2.45	3.00	5.11	6.95	8.55	10.14	11.98
A	F	HS B	26	6.58	2.53	2.00	3.03	4.88	6.50	8.58	9.23
A	F	HS W	185	8.78	2.38	3.00	5.82	7.01	8.84	10.54	11.94
A	F	CULL B	15	6.60	2.41	2.00	3.00	5.38	6.67	7.92	9.00
A	F	CULL W	447	9.11	2.25	4.00	6.49	7.78	9.43	11.06	12.38
A	F	D.K. B	12	8.17	2.41	4.00	4.70	6.50	8.50	10.00	10.45
A	F	D.K. W	42	8.52	2.86	1.00	4.70	6.92	8.64	10.40	12.20
N	M	ELEM B	54	6.07	2.28	2.00	3.30	4.25	6.07	7.57	9.30
N	M	ELEM W	236	7.24	2.27	0.0	4.53	5.84	7.33	8.63	10.15
N	M	HS B	48	6.40	2.47	2.00	3.13	4.50	6.30	8.33	9.55
N	M	HS W	170	7.46	2.32	1.00	4.17	6.00	7.69	8.93	10.32
N	M	CULL B	21	5.05	2.09	2.00	2.20	3.75	4.88	6.19	7.95
N	M	CULL W	141	8.21	2.55	2.00	4.74	6.44	8.42	10.04	11.29
N	M	D.K. B	42	4.50	2.55	0.0	1.57	2.85	4.50	6.00	7.40
N	M	D.K. W	75	6.79	2.48	0.0	4.00	5.15	6.61	8.54	10.11
N	F	ELEM B	84	6.23	1.82	1.00	3.84	4.96	6.20	7.62	8.36
N	F	ELEM W	309	7.46	2.08	2.00	4.76	5.98	7.44	8.95	10.08
N	F	HS B	55	5.87	2.05	1.00	3.20	4.34	5.96	7.41	8.25
N	F	HS W	213	7.44	2.13	2.00	4.71	5.88	7.54	9.05	10.27
N	F	CULL B	21	5.43	1.78	2.00	3.05	4.25	5.25	6.85	7.48
N	F	CULL W	169	7.59	2.29	1.00	4.72	5.14	7.61	9.07	10.79
N	F	D.K. B	54	5.26	2.00	1.00	2.58	3.94	5.32	6.78	7.82
N	F	D.K. W	78	6.56	2.44	3.00	3.91	4.85	6.33	8.71	10.19
TOTAL		5570	8.08	2.65	0.0	15.00	4.64	6.23	8.07	9.94	11.02

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 165

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 5, 1961

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	184806.0000	3660			
MEAN	154982.7834	1	154982.7834	19019.9727	0.0000
ERROR	29823.2166	3659	8.1484		
CUR	1602.8875	1	1602.8875	253.7878	0.0000
SEX	142.4929	1	142.4929	22.5611	0.0001
F.ED	597.2867	3	199.0956	31.5231	0.0000
RACE	1990.8061	1	1990.8061	315.2075	0.0000
ERROR	23078.1368	3653	6.3159		
CS	1.2343	1	1.2343	0.1966	0.6576
CF	33.8542	3	11.2847	1.7971	0.1455
CR	37.0344	1	37.0344	5.8978	0.0153
SF	83.3445	3	27.7815	4.4243	0.0042
SR	0.4805	1	0.4805	0.0765	0.7822
FR	27.5081	3	9.1694	1.4602	0.2234
ERROR	22869.4208	3641	6.2794		
CSF	51.3808	3	17.1269	2.7292	0.0425
CSR	9.5634	1	9.5634	1.5239	0.2175
CFR	5.1479	3	1.7160	0.2734	0.8447
SFR	16.0929	3	5.3643	0.8548	0.4637
ERROR	22792.1936	3631	6.2754		
CSFR	36.6552	3	12.2184	1.9486	0.1196
ERROR	22755.5384	3618	6.2705		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 7, 1963

TABLE 166

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	190845.0000	3592			
MEAN	162684.9389	1	162684.9389	20751.5234	0.0000
ERROR	28160.0611	3591	7.8397		
CUR	1777.7785	1	1777.7785	297.3047	0.0000
SEX	363.5760	1	363.5760	60.8022	0.0000
F.ED	433.7077	3	144.5692	24.1769	0.0000
RACE	1844.9316	1	1844.9316	308.5349	0.0000
ERROR	21443.0260	3585	5.9797		
CS	2.7273	1	2.7273	0.4617	0.4970
CF	80.4936	3	26.8312	4.5424	0.0036
CR	59.0094	1	59.0094	9.9900	0.0016
SF	110.8212	3	36.7737	6.2256	0.0004
SR	13.9949	1	13.9949	2.3693	0.1242
FR	11.8943	3	3.9648	0.6712	0.5696
ERROR	21111.1022	3573	5.9069		
CSF	17.2745	3	5.7582	0.9746	0.4036
CSR	23.7783	1	23.7783	4.0247	0.0450
CFR	12.9352	3	4.3117	0.7298	0.5339
SFR	3.0895	3	1.0298	0.1743	0.9139
ERROR	21056.2273	3563	5.9080		
CSFR	10.5696	3	3.5232	0.5961	0.6174
ERROR	21045.6577	3560	5.9100		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 167

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 9, 1965

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL		179480.0000	3539			
MEAN		150580.6157	1	150580.6157	18439.9961	0.0000
ERROR		28899.3843	3538	8.1660		
CUR		2261.8433	1	2261.8433	383.5449	0.0000
SEX		429.4384	1	429.4384	72.8207	0.0000
F.ED		595.4967	3	198.4989	33.6598	0.0000
RACE		1867.6955	1	1867.6955	316.7085	0.0000
ERROR		20834.8148	3532	5.8972		
CS		5.7776	1	5.7776	0.9816	0.3221
CF		33.0926	3	11.0309	1.8740	0.1318
CR		10.8626	1	10.8626	1.8455	0.1746
SF		5.6222	3	1.8741	0.3184	0.8120
SR		0.2628	1	0.2628	0.0446	0.8328
FR		46.8479	3	15.6160	2.6530	0.0470
ERROR		20725.1871	3520	5.8862		
CSF		1.7727	3	0.5909	0.1003	0.9600
CSR		20.1238	1	20.1238	3.4157	0.0648
CFR		9.9579	3	3.3193	0.5634	0.6391
SFR		11.3247	3	3.7749	0.6407	0.5885
ERROR		20685.1835	3510	5.8915		
CSFR		17.5700	3	5.8567	0.9941	0.3945
ERROR		20667.6135	3507	5.8916		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 168

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
		1				F RATIO	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		258234.0000	3569				
MEAN		233175.7121	1	233175.7121		33210.7188	0.0000
ERROR		25058.2879	3568	7.0211			
CUR		1776.5728	1	1776.5728		326.7991	0.0000
SEX		40.4463	1	40.4463		7.4401	0.0060
F.ED		473.5407	3	157.8469		29.0358	0.0000
RACE		1302.3629	1	1302.3629		239.5685	0.0000
ERROR		19369.4747	3562	5.4363			
CS		10.7415	1	10.7415		2.0035	0.1572
CF		83.6638	3	27.8879		5.2015	0.0015
CR		11.6241	1	11.6241		2.1681	0.1413
SF		84.3450	3	28.1150		5.2439	0.0014
SR		0.5365	1	0.5365		0.1001	0.7518
FR		60.8638	3	20.2879		3.7840	0.0102
ERROR		19038.6395	3550	5.3615			
CSF		4.5431	3	1.5144		0.2825	0.8382
CSR		0.0034	1	0.0034		0.0006	0.9798
CFR		33.8151	3	11.2717		2.1024	0.0979
SFR		18.2367	3	6.0789		1.1338	0.3340
ERROR		18934.9801	3540	5.3615			
CSFR		22.3175	3	7.4392		1.3880	0.2445
ERROR		18962.6626	3537	5.3597			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 169

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 5, 1961

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1834	6.64	2.65	0.0	15.00	3.43	4.68	6.35	8.46	10.33
NON-ACADEMIC		1827	4.88	2.09	0.0	13.00	2.34	3.36	4.75	6.21	7.56
MALES		1721	5.94	2.74	0.0	15.00	2.63	3.90	5.64	7.68	9.90
FEMALES		1940	5.60	2.34	0.0	13.00	2.76	3.92	5.36	7.07	8.82
ELEM F.ED.		1049	5.18	2.24	0.0	14.00	2.43	3.59	4.97	6.56	8.17
HS F.ED.		961	5.72	2.55	0.0	15.00	2.74	3.90	5.41	7.13	9.29
COLL F.ED.		1234	6.59	2.59	0.0	15.00	3.39	4.67	6.35	8.38	10.19
O.K.F.ED.		417	4.87	2.36	0.0	13.00	2.02	3.17	4.64	6.15	8.23
BLACK		580	4.21	1.87	0.0	13.00	1.89	2.87	4.07	5.36	6.64
WHITE		3081	6.05	2.55	0.0	15.00	2.93	4.21	5.79	7.67	9.64
NOT IN SAMPLE		5103	5.23	2.49	0.0	15.00	2.22	3.43	4.96	6.77	8.67

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race

CS curriculum-sex interaction

CUR curriculum interaction

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	18	3.67	1.61	1.00	7.00	1.40	2.33	3.90	4.80	5.34
A	M	ELEM	W	160	6.38	2.72	0.0	14.00	2.77	4.31	6.27	8.24	10.25
A	M	HS	B	30	4.50	2.36	1.00	10.00	2.00	2.94	4.00	5.40	8.50
A	M	HS	W	228	6.93	2.91	0.0	15.00	3.53	4.88	6.43	9.02	10.82
A	M	COLL	B	20	5.55	1.85	2.00	9.00	3.50	4.25	5.50	6.50	8.50
A	M	COLL	W	397	7.59	2.68	1.00	15.00	4.07	5.66	7.51	9.66	11.12
A	M	O.K.	B	16	3.75	1.65	0.0	6.00	1.10	2.83	4.17	5.00	5.40
A	M	O.K.	W	38	6.71	2.55	2.00	13.00	3.70	4.81	6.30	8.43	9.70
A	F	ELEM	B	36	5.14	1.87	1.00	9.00	2.77	3.70	5.12	6.50	7.63
A	F	ELEM	W	147	5.93	2.63	1.00	13.00	2.47	4.05	5.69	7.78	9.66
A	F	HS	B	26	5.04	2.01	2.00	9.00	2.65	3.57	4.50	6.62	7.90
A	F	HS	W	187	6.51	2.40	1.00	12.00	3.63	4.80	6.21	8.07	10.05
A	F	COLL	B	15	5.20	2.65	3.00	13.00	3.00	3.65	4.40	5.62	9.00
A	F	COLL	W	447	6.78	2.35	1.00	13.00	3.83	5.00	6.53	8.43	9.99
A	F	O.K.	B	13	5.00	2.08	1.00	8.00	1.80	3.81	5.00	6.75	7.40
A	F	O.K.	W	56	6.32	2.42	1.00	13.00	3.57	4.63	6.14	7.90	9.40
N	M	ELEM	B	54	3.94	1.65	1.00	8.00	1.84	2.64	3.83	5.11	6.27
N	M	ELEM	W	239	4.86	1.98	1.00	10.00	2.30	3.41	4.77	6.19	7.42
N	M	HS	B	50	4.20	1.56	1.00	8.00	2.07	2.95	4.20	5.45	6.20
N	M	HS	W	171	5.13	2.35	0.0	13.00	2.50	3.39	4.94	6.66	8.31
N	M	COLL	B	21	4.24	1.92	0.0	8.00	2.51	2.96	4.00	5.25	7.13
N	M	COLL	W	141	5.99	2.36	0.0	12.00	2.84	4.33	6.02	7.55	9.19
N	M	O.K.	B	52	3.60	1.77	0.0	7.00	1.20	2.17	3.50	5.05	5.97
N	M	O.K.	W	86	4.56	2.27	1.00	11.00	2.02	3.08	4.24	5.47	7.35
N	F	ELEM	B	86	4.03	1.84	0.0	9.00	1.78	2.71	3.88	5.21	6.57
N	F	ELEM	W	309	5.08	1.79	1.00	10.00	2.81	3.80	4.96	6.37	7.45
N	F	HS	B	56	4.34	1.72	0.0	9.00	2.40	3.23	4.29	5.23	6.60
N	F	HS	W	213	5.16	2.08	0.0	13.00	2.66	3.65	5.11	6.39	7.62
N	F	COLL	B	22	3.41	1.47	0.0	6.00	1.80	2.56	3.25	4.20	5.77
N	F	COLL	W	171	5.20	2.09	1.00	13.00	2.64	3.76	5.06	6.55	7.91
N	F	O.K.	B	85	3.77	1.61	1.00	8.00	1.79	2.57	3.47	4.97	6.06
N	F	O.K.	W	91	5.18	2.26	1.00	12.00	2.51	3.55	4.90	6.53	8.48
TOTAL				3661	5.76	2.54	0.0	15.00	2.70	3.91	5.47	7.33	9.35

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

TABLE 170

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 7, 1963

CLASSIFICATION		PERCENTILES									
MARGINALS	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
ACADEMIC	1804	6.18	2.78	0.0	14.00	2.64	4.15	6.00	8.05	10.05	
NON-ACADEMIC	1789	4.28	2.22	0.0	13.00	1.58	2.61	4.10	5.67	7.40	
MALES	1682	5.54	2.84	0.0	14.00	2.00	3.42	5.24	7.40	9.42	
FEMALES	1911	4.97	2.53	0.0	14.00	1.85	2.89	4.73	6.55	8.48	
ELEM F.ED.	1032	4.68	2.38	0.0	14.00	1.81	2.89	4.46	6.17	7.84	
HS F.ED.	948	5.06	2.65	0.0	14.00	1.84	3.08	4.77	6.69	8.78	
COLL F.ED.	1210	6.14	2.80	0.0	14.00	2.49	4.14	5.98	8.06	9.91	
D.K. F.ED.	403	4.38	2.45	0.0	13.00	1.57	2.60	4.05	5.73	7.85	
BLACK	561	3.55	2.01	0.0	12.00	1.15	2.07	3.30	4.77	6.23	
WHITE	3032	5.55	2.68	0.0	14.00	2.18	3.60	5.30	7.31	9.25	
NOT IN SAMPLE	4373	4.54	2.60	0.0	15.00	1.56	2.69	4.15	6.03	8.15	

CLASSIFICATION		PERCENTILES									
ICUR SEX F.ED RATE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
A M ELEM B	18	2.78	1.31	1.00	5.00	1.00	1.67	2.83	3.67	4.60	
A M ELEM W	155	5.97	2.91	0.0	14.00	2.25	3.75	5.84	7.67	10.55	
A M HS B	29	4.07	2.27	1.00	12.00	1.77	2.39	3.43	5.29	6.55	
A M HS W	224	6.37	2.78	1.00	14.00	2.96	4.36	6.13	8.11	10.63	
A M COLL B	19	4.63	2.22	1.00	10.00	2.40	3.19	4.20	5.62	8.05	
A M COLL W	388	7.33	2.81	1.00	14.00	3.69	5.38	7.28	9.25	11.18	
A M D.K. B	15	3.93	1.87	1.00	7.00	1.25	2.75	3.88	5.12	6.75	
A M D.K. W	38	6.68	2.78	0.0	13.00	3.66	4.75	6.12	8.42	10.34	
A F ELEM B	35	4.26	2.29	1.00	10.00	1.75	2.58	3.62	5.58	7.33	
A F ELEM W	145	5.49	2.46	0.0	13.00	2.45	3.57	5.56	7.09	8.62	
A F HS B	27	4.56	2.72	0.0	11.00	1.84	2.59	3.44	6.81	8.65	
A F HS W	185	5.87	2.67	0.0	14.00	2.63	3.95	5.41	7.73	9.62	
A F COLL B	15	3.80	2.60	0.0	8.00	0.25	1.75	4.00	5.75	7.25	
A F COLL W	443	6.37	2.49	1.00	13.00	3.11	4.59	6.29	8.13	9.73	
A F D.K. B	12	4.58	3.03	1.00	12.00	1.10	2.50	4.17	6.00	7.30	
A F D.K. W	56	5.41	2.48	0.0	12.00	2.59	3.72	5.08	7.00	8.70	
A M ELEM B	54	4.00	2.15	1.00	9.00	1.53	2.11	3.50	5.75	7.01	
A M ELEM W	235	4.56	2.18	0.0	10.00	1.89	2.96	4.37	5.90	7.73	
A M HS B	46	3.35	1.74	0.0	7.00	0.90	2.14	3.40	4.45	5.78	
A M HS W	170	4.57	2.33	0.0	10.00	1.55	2.83	4.37	6.10	8.21	
A M COLL B	21	4.14	1.80	0.0	7.00	1.55	3.12	4.40	5.45	6.22	
A M COLL W	134	5.22	2.53	0.0	12.00	1.84	3.53	5.13	7.04	8.41	
A M D.K. B	51	3.37	1.74	0.0	9.00	1.51	2.15	3.27	4.18	5.47	
A M D.K. W	85	4.39	2.46	0.0	12.00	1.64	2.35	4.03	6.07	7.94	
A F ELEM B	305	3.16	1.70	0.0	9.00	1.05	1.93	3.08	4.22	5.18	
A F ELEM W	55	4.44	1.97	0.0	11.00	1.89	2.97	4.33	5.81	7.02	
A F HS B	212	4.44	1.74	0.0	8.00	0.89	1.71	4.27	5.91	7.70	
A F HS W	21	2.71	1.85	0.0	11.00	1.72	2.71	4.27	5.91	7.70	
A F COLL B	169	4.59	2.41	0.0	6.00	0.68	1.21	2.38	3.87	5.80	
A F COLL W	58	4.90	1.54	0.0	13.00	1.55	2.98	4.30	5.99	8.01	
A F D.K. B	86	4.32	2.13	0.0	6.00	0.85	1.75	4.11	5.99	8.01	
A F D.K. W	86	4.32	2.13	0.0	10.00	1.70	2.83	4.12	5.50	7.14	
TOTAL	5591	5.24	2.69	0.0	14.00	1.92	3.23	4.96	6.97	8.99	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 171

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1775	7.76	2.43	0.0	15.00	4.59	6.09	7.82	9.44	10.92
NON-ACADEMIC		1765	5.95	2.27	0.0	13.00	2.98	4.36	5.85	7.48	9.05
MALES		1659	6.97	2.64	0.0	15.00	3.59	5.01	6.92	8.83	10.47
FEMALES		1881	6.76	2.41	0.0	15.00	3.58	5.07	6.73	8.48	9.93
ELEM F.ED.		984	6.30	2.32	1.00	13.00	3.27	4.62	6.21	7.92	9.43
HS F.ED.		935	6.69	2.43	0.0	14.00	3.62	4.95	6.64	8.37	10.00
COLL F.ED.		1216	7.75	2.45	0.0	15.00	4.60	6.04	7.80	9.40	10.95
BLACK		405	5.95	2.64	0.0	14.00	2.56	4.04	5.75	7.74	9.43
WHITE		572	4.94	2.17	0.0	13.00	2.20	3.35	4.83	6.38	7.86
NOT IN SAMPLE		2968	7.23	2.42	0.0	15.00	4.08	5.50	7.20	8.93	10.40
		4844	6.02	2.57	0.0	14.00	2.66	4.18	5.93	7.78	9.42

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	17	5.59	2.21	3.00	11.00	3.35	3.95	5.00	6.87	8.80
A	M	151	7.25	2.54	1.00	13.00	3.71	5.48	7.25	9.21	10.58
A	M	30	5.30	2.28	2.00	12.00	2.50	3.78	4.83	6.75	7.50
A	M	219	7.74	2.34	2.00	14.00	4.60	6.11	7.77	9.47	10.82
A	M	20	6.30	3.06	0.0	13.00	2.50	4.50	6.00	8.25	10.00
A	M	393	8.62	2.32	1.00	15.00	5.72	7.00	8.52	10.29	11.74
A	M	16	5.38	1.31	3.00	8.00	3.70	4.50	5.30	6.25	7.20
A	M	37	8.81	2.28	3.00	14.00	6.35	7.25	8.71	10.25	11.93
A	F	36	5.28	2.39	1.00	10.00	2.15	3.50	5.00	7.50	8.40
A	F	126	7.34	2.25	2.00	13.00	4.63	5.83	7.14	8.97	10.43
A	F	27	5.70	2.63	1.00	10.00	1.40	3.87	5.80	7.81	9.15
A	F	179	7.64	2.08	2.00	14.00	4.88	6.18	7.62	9.20	10.33
A	F	13	6.23	2.42	1.00	10.00	3.65	4.63	6.67	7.87	9.20
A	F	444	8.09	2.18	1.00	15.00	5.26	6.55	8.20	9.49	10.84
A	F	12	6.17	2.08	3.00	9.00	3.10	4.50	6.17	8.00	8.45
A	F	55	7.67	2.64	0.0	12.00	4.25	5.94	7.87	9.37	11.25
N	M	55	4.87	1.97	1.00	9.00	2.40	3.15	4.94	6.42	7.33
N	M	220	6.22	2.12	1.00	12.00	3.65	4.60	6.14	7.63	9.22
N	M	50	4.96	2.42	0.0	10.00	2.50	3.33	4.72	6.60	8.50
N	M	163	6.07	2.37	0.0	12.00	2.98	4.49	5.97	7.68	9.25
N	M	21	5.10	1.64	2.00	8.00	2.87	3.92	5.08	6.19	7.45
N	M	135	6.92	2.53	2.00	13.00	3.61	4.93	6.86	8.89	10.20
N	M	50	4.14	1.75	0.0	8.00	1.79	2.86	4.23	5.36	6.36
N	M	82	5.83	2.28	2.00	12.00	2.87	4.21	5.65	7.29	8.70
N	F	86	4.63	1.83	1.00	9.00	2.16	3.23	4.68	5.77	7.18
N	F	293	6.34	2.07	1.00	12.00	3.61	4.84	6.25	7.88	9.10
N	F	56	4.91	1.98	0.0	11.00	2.55	3.32	5.00	6.42	7.17
N	F	211	6.48	2.10	1.00	11.00	4.00	4.95	6.26	7.92	9.56
N	F	20	4.45	2.24	2.00	9.00	2.00	2.50	4.00	5.50	8.00
N	F	170	6.46	1.99	2.00	11.00	3.62	5.14	6.50	7.79	8.95
N	F	63	4.29	2.13	0.0	10.00	1.64	2.65	4.42	5.66	6.95
N	F	90	6.07	2.41	1.00	11.00	2.79	4.35	6.04	7.87	9.25
TOTAL		3540	6.86	2.52	0.0	15.00	3.58	5.04	6.82	8.62	10.21

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 172

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1800	6.89	1.59	0.0	11.00	4.76	5.83	6.99	8.06	8.94
NON-ACADEMIC		1770	5.16	1.55	0.0	9.00	3.07	4.03	5.14	6.28	7.28
MALES		1676	6.32	1.84	0.0	10.00	3.76	5.06	6.40	7.70	8.65
FEMALES		1894	5.78	1.72	1.00	11.00	3.52	4.56	5.77	7.06	8.09
ELEM F.ED.		1045	5.46	1.56	0.0	10.00	3.40	4.40	5.41	6.52	7.45
HS F.ED.		955	5.44	1.72	1.00	10.00	3.64	4.71	5.99	7.20	8.17
COLL F.ED.		1231	6.38	1.64	1.00	11.00	4.66	5.80	7.02	8.11	8.97
D.K.F.ED.		339	4.99	1.89	0.0	10.00	2.68	3.58	4.85	6.33	7.65
BLACK		548	4.24	1.49	0.0	9.00	2.43	3.13	4.16	5.23	6.25
WHITE		3022	6.36	1.65	0.0	11.00	4.12	5.16	6.39	7.55	8.47
NOT IN SAMPLE		3410	5.49	1.82	0.0	10.00	3.02	4.13	5.53	6.85	7.96
CUR SEX F.ED RACE		N	MEAN	S.O.	MIN	MAX	10	25	50	75	90
A	M	ELEM	B	18	4.94	1.55	3.30	4.57	5.21	5.92	6.37
A	M	ELEM	W	160	6.51	1.60	4.41	5.50	6.62	7.63	8.43
A	M	HS	B	30	4.97	1.83	2.50	3.40	5.00	6.58	7.33
A	M	HS	W	228	7.17	1.37	5.54	6.23	7.16	8.13	9.01
A	M	CULL	B	20	5.55	1.54	3.50	4.77	5.23	6.17	7.50
A	M	CULL	W	397	7.76	1.30	5.88	6.84	7.90	8.74	9.36
A	M	D.K.	B	11	4.55	1.37	2.60	3.75	4.63	5.31	6.40
A	M	D.K.	W	25	6.96	1.51	5.00	5.82	6.88	8.12	9.00
A	F	ELEM	B	37	4.92	1.14	3.43	4.03	4.91	5.81	6.42
A	F	ELEM	W	147	6.33	1.49	4.52	5.19	6.45	7.34	8.26
A	F	HS	B	26	4.69	1.64	2.62	3.40	4.50	6.00	6.97
A	F	HS	W	185	6.59	1.46	4.58	5.51	6.73	7.61	8.43
A	F	CULL	B	15	5.27	1.71	2.75	4.65	5.40	6.15	7.00
A	F	CULL	W	447	7.15	1.29	5.52	6.27	7.16	8.09	8.89
A	F	D.K.	B	12	5.67	1.23	4.10	4.75	5.50	6.50	7.40
A	F	D.K.	W	42	6.57	1.71	4.10	5.56	6.75	7.69	8.47
N	M	ELEM	B	54	4.28	1.39	2.53	3.15	4.19	5.36	6.23
N	M	ELEM	W	255	5.48	1.35	3.61	4.59	5.50	6.41	7.25
N	M	HS	B	48	4.50	1.60	2.43	3.38	4.64	5.50	6.55
N	M	HS	W	170	5.81	1.46	3.86	4.75	5.83	6.94	7.83
N	M	CULL	B	21	4.24	1.55	2.20	3.06	4.20	5.25	6.13
N	M	CULL	W	141	6.43	1.40	4.33	5.62	6.60	7.42	8.16
N	M	D.K.	B	42	3.48	1.37	1.78	2.54	3.42	4.29	5.13
N	M	D.K.	W	75	5.17	1.77	3.00	3.98	5.22	6.39	7.45
N	F	ELEM	B	84	3.82	1.11	2.34	2.98	3.81	4.56	5.30
N	F	ELEM	W	309	5.23	1.22	3.59	4.42	5.20	6.11	6.91
N	F	HS	B	55	3.76	1.04	2.42	2.98	3.76	4.42	5.22
N	F	HS	W	215	5.33	1.30	3.65	4.39	5.27	6.29	7.16
N	F	CULL	B	21	3.57	1.43	2.05	2.75	3.43	4.25	5.13
N	F	CULL	W	169	5.54	1.39	3.70	4.60	5.41	6.47	7.51
N	F	D.K.	B	24	3.52	1.19	1.98	2.78	3.45	4.28	5.07
N	F	D.K.	W	73	5.11	1.58	3.08	3.92	5.00	6.20	7.40
TOTAL		557	6.03	1.79	0.0	11.00	3.61	4.75	6.07	7.35	8.47

KEY	A	academic
	B	black
	BEQ	Background and Experience Questionnaire
	COLL	college
	CF	curriculum-father's education interaction
	CR	curriculum-race interaction
	CS	curriculum-sex interaction
	CUR	curriculum
	D.K.	respondent did not know
	ELEM	elementary school
	F	female
	F.ED	father's education
	HS	high school
	M	male
	MAX	maximum
	MIN	minimum
	N	(when in "curriculum" column) non-academic
	N	number of cases
	NDF	number of degrees of freedom
	SCAT	School and College Ability Tests
	S.D.	standard deviation
	STEP	Sequential Tests of Educational Progress
	TGI	Test of General Information
	W	white
	*	no valid statistic
		(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 5, 1961

TABLE 173

DEPENDENT VARIABLE 1 ***** ANALYSIS OF VARIANCE TABLE *****

SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	145169.0000	3660			
MEAN	121481.9832	1	121481.9832	18770.7813	0.0000
ERROR	23687.0168	3659	6.4719		
CUR	1497.5830	1	1497.5830	281.2438	0.0000
SEX	52.8265	1	52.8265	9.9208	0.0017
F.ED	327.9649	3	109.3216	20.5306	0.0000
RACE	813.0421	1	813.0421	152.6892	0.0000
ERROR	19456.8748	3653	5.3248		
CS	10.6522	1	10.6522	2.0241	0.1550
CF	24.6371	3	8.2124	1.5605	0.1969
CR	45.6100	1	45.6100	8.6665	0.0033
SF	97.3572	3	32.4524	6.1664	0.0004
SR	11.6537	1	11.6537	2.2144	0.1370
FR	15.2001	3	5.0667	0.9627	0.4093
ERROR	19167.1171	3641	5.2628		
CSF	11.2480	3	3.7493	0.7130	0.5440
CSR	45.0980	1	45.0980	8.5762	0.0035
CFR	13.5571	3	4.5190	0.8594	0.4613
SFR	3.6533	3	1.2178	0.2316	0.8744
ERROR	19098.8787	3631	5.2585		
CSFR	10.9605	3	3.6535	0.6946	0.5550
ERROR	19087.9183	3628	5.2598		

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 174

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 7- 1963

DEPENDENT VARIABLE		***** 1 *****				VARIANCE TABLE *****		PROBABILITY OF LARGER F	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO					
TOTAL	124594.0000	3592							
MEAN	98578.3899	1	98578.3899	13610.8086			0.0000		
ERROR	26015.6101	3591	7.2427						
CUR	1748.7380	1	1748.7380	297.6274			0.0000		
SEX	203.5001	1	203.5001	34.6343			0.0001		
F.ED	331.6491	3	110.5497	18.8151			0.0000		
RACE	953.2337	1	953.2337	162.2363			0.0000		
ERROR	21069.8599	3585	5.8756						
CS	6.4790	1	6.4790	1.1124			0.2919		
CF	59.6394	3	19.8798	3.4132			0.0169		
CR	57.7087	1	57.7087	9.9081			0.0017		
SF	54.6045	3	18.2015	3.1250			0.0249		
SR	0.5302	1	0.5302	0.0913			0.7629		
FR	17.9619	3	5.9873	1.0280			0.3789		
ERROR	20816.3502	3573	5.8244						
CSF	10.3649	3	3.4550	0.5942			0.6187		
CSR	74.3484	1	74.3484	12.7859			0.0004		
CFR	9.5381	3	3.1794	0.5468			0.6502		
SFR	9.7890	3	3.2630	0.5611			0.6404		
ERROR	20724.2197	3563	5.8149						
CSFR	13.5121	3	4.5040	0.7744			0.5079		
ERROR	20710.7076	3560	5.8160						

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 175

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 9, 1965

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	1	SUM OF SQUARES	NDF	MEAN SQUARE			
SOURCE							
TOTAL	189035.0000	3539					
MEAN	166489.3634	1		166489.3634	26133.9102	0.0000	A academic
ERROR	22545.6366	3538		6.3706			B. black
CS	1451.6285	1		1451.6285	290.5071	0.0000	BEQ Background and Experience Questionnaire
CF	11.8976	1		11.8976	2.3810	0.1230	COLL college
SEX	287.1935	3		95.7312	19.1582	0.0000	CF curriculum-father's
F.ED	1406.4255	1		1406.4255	281.4607	0.0000	education interaction
RACE	17653.9643	3532		4.9969			CR curriculum-race
ERROR							interaction
CS	8.1254	1		8.1254	1.6407	0.2005	CS curriculum-sex
CF	91.6617	3		30.5539	6.1694	0.0005	interaction
CR	28.3974	1		28.3974	5.7339	0.0169	CUR curriculum
SF	50.8623	3		16.9541	3.4233	0.0166	D.K. respondent did not know
SR	0.1907	1		0.1907	0.0385	0.8445	ELEM elementary school
FR	8.2199	3		2.7400	0.5532	0.6458	F female
ERROR							F.ED father's education
CSF	17437.8300	3520		4.9525			HS high school
CSR	16.0140	3		5.3380	1.0775	0.3574	M male
CFR	13.8026	1		13.8026	2.7860	0.0955	MAX maximum
SFR	6.1875	3		2.0625	0.4163	0.7410	MIN minimum
ERROR	8.8196	3		2.9399	0.5934	0.6192	N (when in "curriculum"
CSFR	17394.4308	3510		4.9543			column) non-academic
ERROR							N number of cases
CSFR	11.3860	3		3.7953	0.7659	0.5127	NDF number of degrees of
ERROR	17383.0447	3507		4.9553			freedom
							SCAT School and College
							Ability Tests
							S.D. standard deviation
							STEP Sequential Tests of
							Educational Progress
							TGI Test of General
							Information
							W white
							* no valid statistic
							(N < 5)

TABLE 176

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	F	KASIU	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE						
TOTAL	141426.0000	3569							
MEAN	129939.7906	1	129939.7906			0.0000	40374.9297		A academic
ERROR	11486.2094	3568	3.2183						B black
CUR	1307.0221	1	1307.0221			0.0000	673.6895		BEQ Background and Experience Questionnaire
SEX	168.0302	1	168.0302			0.0000	86.6092		COLL college
F.ED	337.9519	3	112.6506			0.0000	58.0645		CF curriculum-father's
RACE	1135.4533	1	1135.4533			0.0000	585.2563		education interaction
ERROR	6912.5578	3562	1.9401						CR curriculum-race
CS	3.3916	1	3.3916			0.1835	1.7721		interaction
CF	29.6723	3	9.8908			0.0016	5.1679		curriculum-sex
CR	5.3142	1	5.3142			0.0351	2.7766		interaction
SF	42.7246	3	14.2415			0.0001	7.4411		CUR curriculum
SR	0.6266	1	0.6266			0.5673	0.3274		D.K. respondent did not know
FR	20.8266	3	6.9422			0.0131	3.5928		ELEM elementary school
ERROR	6796.2701	3550	1.9139						F female
CSF	3.7567	3	1.2522			0.5800	0.6544		F.ED father's education
CSR	6.3356	1	6.3356			0.0690	3.3107		HS high school
CFM	0.7076	3	2.3589			0.3203	1.1684		M male
SFR	4.7355	3	1.5785			0.4799	0.8248		MAX maximum
ERROR	6776.2771	3540	1.9137						MIN minimum
CSFR	3.5422	3	1.1807			0.6039	0.0168		N (when in "curriculum"
ERROR	6772.7348	3537	1.9143						column) non-academic
									N number of cases
									NDF number of degrees of
									freedom
									SCAT School and College
									Ability Tests
									S.D. standard deviation
									STEP Sequential Tests of
									Educational Progress
									TGI Test of General
									Information
									W white
									* no valid statistic
									(N < 5)

TABLE 177

8EO SCALE 1 (FEMALE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	48.40	9.85	32.01	81.29	36.92	40.80	46.57	55.65	61.91
NON-ACADEMIC		1546	50.51	9.92	32.01	86.98	38.08	42.96	49.91	57.25	63.91
MALES		1507	43.31	7.13	32.01	77.50	34.49	38.48	42.57	47.22	53.68
FEMALES		1711	54.79	8.91	33.90	86.98	42.91	47.71	54.95	60.76	66.84
ELEM F.ED.		928	49.92	10.19	32.01	83.19	37.72	42.21	48.74	57.11	64.20
HS F.ED.		844	49.18	9.54	32.01	79.40	37.74	41.88	47.42	56.40	61.90
COLL F.ED.		1129	48.90	9.94	32.01	86.98	37.07	41.08	47.49	56.00	61.85
D.K.F.ED.		317	50.38	10.14	32.01	77.50	37.86	42.43	48.94	56.66	65.67
BLACK		368	53.78	9.37	33.90	81.29	42.17	46.23	53.75	60.09	67.36
WHITE		2850	48.85	9.87	32.01	86.98	37.07	41.18	47.20	55.98	62.17
NOT IN SAMPLE		3703	50.51	10.03	32.01	85.08	38.37	42.78	49.55	57.16	64.28

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	12	45.59	8.70	33.90	68.02	37.75	40.00	44.17	49.17	52.17
A	M ELEM W	149	42.25	6.64	32.01	69.92	33.94	38.42	41.74	45.84	51.18
A	M HS B	18	49.07	6.24	37.69	58.54	40.50	44.00	48.75	54.00	56.70
A	M HS W	210	42.14	6.31	32.01	62.33	34.25	37.89	41.58	46.03	51.67
A	M COLL B	17	49.07	7.90	37.69	64.23	40.33	43.54	47.08	55.94	60.75
A	M COLL W	370	41.43	5.95	32.01	62.33	33.75	37.66	41.01	45.33	50.08
A	M D.K. B	9	47.59	7.39	39.59	60.44	39.59	41.25	45.00	54.37	58.00
A	M D.K. W	34	41.37	6.14	32.01	52.86	33.28	36.11	41.25	46.11	50.75
A	F ELEM B	24	59.57	8.61	43.38	73.71	46.50	54.50	60.50	65.83	70.17
A	F ELEM W	138	53.83	9.09	33.90	73.71	42.04	46.40	53.36	60.42	66.62
A	F HS B	18	55.38	9.35	41.48	68.02	42.00	46.67	56.25	61.88	68.02
A	F HS W	176	54.00	8.72	33.90	79.40	42.76	47.02	54.34	60.13	65.12
A	F COLL B	9	60.86	11.56	39.59	81.29	42.00	55.63	60.00	66.25	78.00
A	F COLL W	427	54.26	8.50	35.80	77.50	42.83	47.34	54.60	59.74	66.02
A	F D.K. B	10	58.16	7.08	45.27	68.02	47.50	53.33	57.50	65.00	67.50
A	F D.K. W	51	52.97	9.60	33.90	73.71	40.60	44.42	53.18	59.82	67.37
N	M ELEM B	41	47.77	6.76	33.90	62.33	38.88	43.58	47.00	52.36	57.42
N	M ELEM W	212	43.55	7.65	32.01	77.50	34.37	38.24	43.09	47.68	54.00
N	M HS B	34	49.23	6.80	37.69	62.33	40.33	43.75	48.21	54.58	59.10
N	M HS W	158	44.48	7.45	32.01	73.71	35.22	39.26	43.67	48.42	54.91
N	M COLL B	16	49.90	7.49	35.80	66.13	40.50	45.83	50.50	55.00	59.50
N	M COLL W	126	42.78	6.95	32.01	64.23	34.06	38.29	42.13	47.10	52.68
N	M D.K. B	28	51.43	7.61	41.48	68.02	42.94	45.28	50.00	55.83	63.00
N	M D.K. W	73	43.59	6.98	32.01	60.44	34.71	38.39	42.19	48.30	53.71
N	F ELEM B	61	59.35	7.76	43.38	79.40	50.92	54.31	58.28	63.59	71.12
N	F ELEM W	291	54.34	9.25	33.90	83.19	41.90	47.24	54.82	60.99	66.17
N	F HS B	33	56.36	9.17	33.90	69.92	43.58	48.12	57.14	63.44	69.20
N	F HS W	197	54.40	8.54	33.90	75.60	43.14	47.13	54.88	60.45	65.53
N	F COLL B	7	59.90	12.75	39.59	73.71	41.00	51.25	60.00	70.62	73.71
N	F COLL W	157	55.56	8.32	33.90	86.98	44.47	49.87	55.11	60.39	66.27
N	F D.K. B	31	57.14	9.71	39.59	77.50	45.25	50.63	55.56	65.62	71.40
N	F D.K. W	81	55.03	9.69	33.90	77.50	41.94	46.83	54.52	62.34	69.08
TOTAL		3213	49.41	9.94	32.01	86.98	37.58	41.71	47.97	55.48	62.73

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 178

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1778	48.85	10.01	30.87	78.94	35.97	40.51	8.99	56.59	61.97
NON-ACADEMIC		1763	50.62	9.98	30.87	78.94	37.48	42.42	51.08	57.96	63.55
MALES		1659	42.19	6.57	30.87	71.55	34.10	37.53	41.35	47.06	51.59
FEMALES		1882	56.38	7.54	32.72	78.94	47.61	51.47	56.42	61.19	66.55
ELEM F.ED.		932	50.27	10.16	30.87	78.94	36.67	41.94	50.45	58.06	63.88
HS F.ED.		936	49.58	9.68	30.87	77.10	37.30	41.63	49.85	56.76	62.08
COLL F.ED.		1219	49.16	10.23	30.87	78.94	35.86	40.46	49.48	57.11	62.22
D.K.F.ED.		404	50.50	9.83	30.87	77.10	37.77	42.50	50.58	57.58	62.92
BLACK		571	53.02	9.66	30.87	77.10	40.11	45.75	52.97	60.09	66.64
WHITE		2970	49.10	9.98	30.87	78.94	36.02	40.72	49.42	56.75	61.99
NOT IN SAMPLE		4827	50.20	9.98	30.87	82.64	37.56	41.93	50.19	57.59	63.46
CLASSIFICATION											
ICUR	SEX F.ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M ELEM B	17	45.92	7.19	34.57	64.15	38.00	39.82	43.33	49.69	54.00
A	M ELEM W	151	42.18	6.64	30.87	67.85	34.09	37.32	41.15	47.88	51.65
A	M HS B	30	46.57	7.90	34.57	71.55	38.61	41.11	45.63	50.71	55.83
A	M HS W	219	41.87	6.21	30.87	62.30	34.04	37.62	41.37	46.66	51.19
A	M COLL B	20	44.55	7.21	30.87	58.61	35.00	39.50	45.00	50.50	55.00
A	M COLL W	395	40.46	5.92	30.87	62.30	33.48	36.05	39.84	44.37	49.51
A	M D.K. B	15	43.32	3.59	34.57	49.36	38.33	42.08	44.44	46.53	48.75
A	M D.K. W	37	40.93	5.60	32.72	54.91	34.35	37.13	39.74	42.17	50.57
A	F ELEM B	36	59.02	6.43	43.81	67.85	49.50	55.50	59.69	62.50	67.00
A	F ELEM W	126	55.96	7.20	38.27	71.55	48.01	50.71	55.67	60.70	66.20
A	F HS B	27	58.76	8.46	38.27	73.40	48.67	53.96	59.58	65.75	70.37
A	F HS W	180	55.32	7.01	38.27	77.10	47.60	50.36	55.11	60.00	63.75
A	F COLL B	13	61.02	8.75	49.36	75.25	49.67	53.13	60.00	66.87	74.25
A	F COLL W	445	55.93	7.46	34.57	78.94	47.08	51.15	56.12	60.79	65.73
A	F D.K. B	13	60.88	7.74	47.51	75.25	52.88	55.31	60.00	66.87	71.75
A	F D.K. W	54	53.78	7.41	40.12	71.55	42.83	48.75	54.26	59.64	62.32
N	M ELEM B	55	46.18	7.03	32.72	64.15	37.69	40.87	45.99	51.35	55.56
N	M ELEM W	219	41.29	6.26	30.87	62.30	33.53	36.36	40.85	45.99	50.62
N	M HS B	50	45.93	6.51	34.57	56.76	37.50	40.38	45.68	52.22	55.42
N	M HS W	163	42.58	6.61	30.87	64.15	34.32	37.95	41.79	47.12	51.84
N	M COLL B	21	46.81	5.01	38.27	54.91	39.00	41.25	47.78	50.69	52.44
N	M COLL W	135	41.71	6.56	30.87	67.85	34.31	37.66	40.79	45.82	51.18
N	M D.K. B	50	46.50	6.35	36.42	62.30	38.41	41.82	46.73	50.78	55.00
N	M D.K. W	82	42.38	6.85	30.87	58.61	33.87	37.11	41.30	48.47	51.89
N	F ELEM B	85	58.76	8.02	38.27	77.10	48.96	53.68	59.00	64.20	69.79
N	F ELEM W	293	56.17	7.69	32.72	78.94	47.31	50.88	56.15	61.29	66.11
N	F HS B	56	58.19	8.10	38.27	75.25	48.00	53.50	58.21	63.93	69.62
N	F HS W	211	55.93	7.29	34.57	73.40	49.17	53.50	58.33	62.50	67.50
N	F COLL B	20	58.61	7.25	45.66	73.40	47.77	51.83	56.10	60.61	65.71
N	F COLL W	170	56.37	7.27	36.42	77.10	47.70	52.63	56.29	60.89	66.25
N	F D.K. B	63	58.59	7.56	43.81	77.10	49.15	53.48	58.68	63.28	69.43
N	F D.K. W	90	50.14	7.76	36.42	77.10	45.66	50.89	56.10	60.87	67.50
TOTAL		3541	49.73	10.03	30.87	78.94	36.61	41.36	50.00	57.30	62.47

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 179

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1793	49.09	9.95	30.74	77.19	36.08	40.98	48.70	57.57	62.68
NON-ACADEMIC		1727	50.82	10.06	30.74	84.34	37.42	42.95	50.63	59.30	64.58
MALES		1646	42.13	6.68	30.74	71.83	34.12	37.51	41.67	46.42	51.04
FEMALES		1874	56.75	7.04	34.31	84.34	47.64	51.31	57.55	61.96	66.48
ELEM F.ED.		1054	50.80	9.99	30.74	84.34	37.58	43.00	50.56	59.18	64.49
HS F.ED.		962	49.66	9.81	30.74	75.40	36.90	41.86	49.23	58.20	63.33
COLL F.ED.		1237	49.22	10.17	30.74	75.40	35.81	40.85	48.88	57.79	63.07
D.K.F.ED.		267	50.89	10.20	30.74	75.40	36.70	42.94	50.94	59.42	64.44
BLACK		513	53.58	9.34	30.74	84.34	41.79	46.56	52.63	60.90	66.45
WHITE		3007	49.32	10.02	30.74	77.19	36.17	41.11	48.98	57.92	63.10
NOT IN SAMPLE		3362	50.07	9.96	30.74	80.76	37.55	42.34	49.49	58.67	63.95

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	18	46.72	6.32	36.10	43.44	46.25	50.63	55.50
A	M	ELEM	W	161	42.78	6.79	32.53	38.24	42.35	46.81	51.39
A	M	HS	B	30	45.63	6.39	34.31	41.00	45.83	50.31	54.17
A	M	HS	W	228	41.59	6.13	30.74	34.03	37.14	46.18	50.32
A	M	COLL	B	20	46.19	8.12	30.74	34.17	40.00	47.50	56.25
A	M	COLL	W	398	40.52	6.02	30.74	33.57	36.26	40.05	44.36
A	M	D.K.	B	6	43.71	4.66	37.89	39.00	41.25	44.17	46.67
A	M	D.K.	W	21	40.41	5.57	34.31	36.25	39.69	43.44	47.37
A	F	ELEM	B	37	59.08	6.41	48.61	50.14	54.38	59.46	63.25
A	F	ELEM	W	147	56.70	6.86	39.67	47.77	51.33	57.56	61.64
A	F	HS	B	27	59.20	7.47	41.46	49.20	54.37	60.25	64.75
A	F	HS	W	187	55.91	6.94	37.89	46.40	50.38	56.82	61.34
A	F	COLL	B	15	61.82	7.60	45.03	53.33	57.08	61.88	66.56
A	F	COLL	W	449	55.70	6.92	34.31	46.70	50.39	56.02	61.14
A	F	D.K.	B	11	59.16	8.16	45.03	47.75	51.88	59.38	63.12
A	F	D.K.	W	38	55.56	7.77	39.67	44.30	50.00	55.68	60.94
N	M	ELEM	B	55	46.81	6.39	32.53	37.86	42.99	46.81	50.63
N	M	ELEM	W	240	41.42	6.18	30.74	34.05	37.32	40.99	45.47
N	M	HS	B	50	47.16	6.12	36.10	40.00	43.48	46.20	50.00
N	M	HS	W	171	42.08	7.10	30.74	34.27	37.65	41.34	46.25
N	M	COLL	B	21	47.65	7.10	36.10	37.63	41.56	48.44	51.72
N	M	COLL	W	141	41.64	6.69	30.74	33.55	37.20	41.59	45.88
N	M	D.K.	B	23	45.30	7.61	36.10	36.10	39.69	44.44	47.92
N	M	D.K.	W	63	41.75	7.15	30.74	33.22	36.17	41.33	46.33
N	F	ELEM	B	87	58.46	7.67	39.67	48.34	52.42	59.35	63.30
N	F	ELEM	W	309	57.24	6.73	36.10	48.29	51.96	57.46	62.42
N	F	HS	B	56	58.32	6.34	43.25	48.94	53.50	59.17	63.50
N	F	HS	W	213	56.58	6.88	37.89	46.97	51.38	57.34	61.81
N	F	COLL	B	22	61.92	8.21	43.25	52.75	56.88	62.50	68.75
N	F	COLL	W	171	56.48	7.24	36.10	46.28	50.70	57.12	61.61
N	F	D.K.	B	35	58.18	7.24	46.82	48.75	51.38	58.75	63.39
N	F	D.K.	W	70	57.23	6.57	39.67	48.33	52.69	58.50	62.00
TOTAL		3520	49.94	10.04	30.74	84.34	36.64	41.88	49.64	58.48	63.73

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 180

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 7, 1963

***** ANALYSIS OF VARIANCE TABLE *****					*****	
DEPENDENT VARIABLE	1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	8175109.5242	3217				A academic
MEAN	7857450.5255	1			0.0000	B black
ERROR	317658.9986	3216	7857450.5255	79574.0000		BEQ Background and Experience Questionnaire
CUR	1016.7435	1	1016.7435	16.0865	0.0001	COLL college
SEX	104454.4940	1	104454.4940	1652.6348	0.0000	CF curriculum-father's education interaction
F.ED	21.3617	3	7.1206	0.1127	0.9527	CR curriculum-race interaction
RACE	7125.0480	1	7125.0480	112.7295	0.0000	CS curriculum-sex interaction
ERROR	202950.6486	3210	63.2048			CUR curriculum
CS	147.9326	1	147.9326	2.3502	0.1256	D.K. respondent did not know
CF	77.422	3	26.0474	0.4138	0.7428	ELEM elementary school
CR	839	1	33.9839	0.5399	0.4628	F female
SF	468.6895	3	156.2298	2.4820	0.0592	F.ED father's education
SR	251.9379	1	251.9379	4.0025	0.0456	HS high school
FR	230.6270	3	76.8757	1.2213	0.3003	M male
ERROR	201363.5348	3198	62.9458			MAX maximum
CSF	55.6456	3	18.5485	0.2945	0.8293	MIN minimum
CSR	9.0550	1	9.0550	0.1438	0.7047	N (when in "curriculum" column) non-academic
CFR	12.9708	3	4.3236	0.0687	0.9767	NDF number of degrees of freedom
SFR	450.6661	3	150.2220	2.3855	0.0673	SCAT School and College Ability Tests
ERROR	200824.5828	3188	62.9742			S.D. standard deviation
CSFR	114.5663	3	38.1888	0.6062	0.6108	STEP Sequential Tests of Educational Progress
ERROR	200710.0165	3185	62.9975			TGI Test of General Information
						W white
						* no valid statistic (N < 5)

TABLE 181

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 9, 1965

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL	9113487.6604	3540						A academic
MEAN	8757387.3435	1						B black
ERROR	356100.3169	3539	8757387.3435 100.5933	87057.3125	0.0000			BEQ Background and Experience Questionnaire
CUR	165.8577	1	165.8577	3.4107	0.0650			CULL college
SEX	175320.8198	1	175320.8198	3605.2939	0.0000			CF curriculum-father's
F.ED	55.5161	3	18.5054	0.3805	0.7670			education interaction
RACE	5509.4788	1	5509.4788	113.2968	0.0000			CR curriculum-race
ERROR	171853.8403	3533	48.6287					interaction
CS	6.6547	1	6.6547	0.1372	0.7111			CS curriculum-sex
CF	253.6601	3	84.5534	1.7439	0.1559			interaction
CR	40.8103	1	40.8103	0.8417	0.3591			CUR curriculum
SF	419.7145	3	139.9048	2.8855	0.0344			D.K. pondent did not know
SR	161.4014	1	161.4014	3.3288	0.0683			ELE elementary school
FR	22.1007	3	7.3669	0.1519	0.9285			F female
ERROR	170766.7983	3521	48.4858					F.ED father's education
CSF	128.3711	3	42.7904	0.8816	0.4497			HS high school
CSR	117.5160	1	117.5160	2.4213	0.1202			M male
CFR	59.0763	3	19.6921	0.4057	0.7488			MAX maximum
SFR	45.5612	3	15.1871	0.3129	0.8159			MIN minimum
ERROR	170453.9493	3511	48.5347					N (when in "curriculum"
CSFR	127.6837	3	42.5612	0.8768	0.4521			N column) non-academic
ERROR	170326.2656	3508	48.5398					N number of cases
								NDF number of degrees of freedom
								SCAT School and College Ability Tests
								S.D. standard deviation
								STEP Sequential Tests of Educational Progress
								TGI Test of General Information
								W white
								* no valid statistic (N < 5)

TABLE 182

BEO SCALE 1 (FEMALE ACTIVITIES), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
		1				
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL	9132871.7747	3519				
MEAN	8778210.3164	1	8778210.3164	87098.5625		0.0000
ERROR	354661.4583	3518	100.7848			
CUR	177.3673	1	177.3673	3.8994		0.0486
SEX	185042.3677	1	185042.3677	4068.1032		0.0000
F.ED	276.8241	3	92.2747	2.0286		0.1078
RACE	5115.6093	1	5115.6093	112.4653		0.0000
ERROR	159792.5983	3512	45.4861			
CS	13.5562	1	13.5562	0.2998		0.5841
CF	239.6277	3	79.8759	1.7665		0.1514
CR	5.2959	1	5.2959	0.1171		0.7323
SF	119.4865	3	39.8288	0.8809		0.4501
SR	543.5125	1	543.5125	12.0204		0.0007
FR	390.5117	3	130.1706	2.8789		0.0348
ERROR	158300.8490	3500	45.2159			
CSF	146.5877	3	48.8626	1.0802		0.3562
CSR	117.8313	1	117.8313	2.6049		0.1068
CFR	14.6469	3	4.8823	0.1079		0.9554
SFR	106.1634	3	35.3878	0.7823		0.5034
ERROR	157911.3856	3490	45.2339			
CSFR	9.3081	3	3.1027	0.0685		0.9768
ERROR	157902.0776	3487	45.2701			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 183

BEQ SCALE 1 (FEMALE ACTIVITIES), U ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS	10						25	50	75	90	
ACADEMIC		1575	48.71	8.99	31.80	73.21	36.96	40.83	48.38	55.73	60.90
NON-ACADEMIC		1437	50.59	8.86	31.80	74.36	38.32	43.37	50.81	57.59	61.78
MALES		1401	42.43	5.55	31.80	66.92	35.40	38.11	41.69	46.16	49.83
FEMALES		1611	55.85	6.32	36.66	74.36	47.43	51.77	56.01	60.13	64.12
ELEM F.ED.		863	50.33	9.08	31.80	73.59	37.91	42.80	49.97	57.81	62.32
HS F.ED.		820	49.45	8.61	31.80	71.76	37.96	42.26	49.64	56.03	60.98
COLL F.ED.		1115	49.06	9.19	31.80	74.36	36.90	40.84	48.92	56.36	60.92
D.K.F.ED.		214	50.15	8.65	32.44	74.22	38.37	43.41	50.19	56.71	61.30
BLACK		329	53.15	8.29	33.03	73.59	42.70	46.93	52.71	59.36	64.79
WHITE		2683	49.17	8.96	31.80	74.36	37.27	41.34	49.06	56.36	60.97
NOT IN SAMPLE		749	49.42	8.74	32.42	73.71	38.01	42.39	48.96	56.20	61.24

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE	10						25	50	75	90	
A M ELEM B		11	46.68	6.57	40.72	61.37	41.32	42.56	45.00	48.37	58.20
A M ELEM W		140	42.49	5.64	31.80	64.92	35.50	38.18	41.68	45.75	48.87
A M HS B		18	47.54	2.51	41.83	51.44	43.20	46.00	48.21	50.25	51.44
A M HS W		201	41.83	5.22	31.80	61.28	35.07	37.99	41.05	45.68	49.16
A M COLL B		17	46.29	6.76	34.97	56.38	36.20	41.75	47.40	51.75	55.95
A M COLL W		367	40.77	4.73	31.80	56.24	34.88	37.06	39.96	43.64	47.50
A M D.K. B		4	44.97	4.89	37.98	48.84	*	*	*	*	*
A M D.K. W		17	39.75	3.61	34.28	45.98	35.02	36.94	39.25	42.25	44.80
A F ELEM B		23	59.93	5.13	47.09	68.60	51.45	57.15	61.13	63.47	65.55
A F ELEM W		117	55.33	6.39	42.08	71.08	46.89	50.84	54.98	59.87	63.57
A F HS B		18	56.75	6.20	41.04	67.47	50.30	52.88	56.25	60.75	64.80
A F HS W		169	55.11	6.10	39.79	71.76	47.55	51.02	54.91	59.83	63.12
A F COLL B		8	61.21	7.85	47.13	72.33	48.90	55.50	61.50	66.00	71.10
A F COLL W		423	55.34	6.20	37.99	73.21	47.06	51.66	55.36	59.28	63.54
A F D.K. B		9	58.21	4.65	51.56	64.95	52.20	54.38	59.00	61.25	64.80
A F D.K. W		33	53.94	5.81	41.04	67.67	47.47	50.34	53.75	57.87	61.27
A M ELEM B		41	46.25	5.19	33.05	56.33	38.60	43.05	46.63	49.19	53.64
A M ELEM W		194	42.21	5.31	31.80	56.46	35.39	37.85	41.64	45.69	49.30
A M HS B		34	47.78	5.22	38.56	61.82	40.90	44.25	47.10	51.43	54.45
A M HS W		151	43.25	5.78	33.03	66.92	35.86	38.81	42.75	46.86	50.86
A M COLL B		16	48.14	5.14	36.72	60.67	42.30	46.50	48.00	49.50	54.60
A M COLL W		121	42.13	5.68	31.84	60.05	35.40	38.09	41.02	45.89	49.48
A M D.K. B		13	46.75	6.34	38.00	58.71	39.45	41.75	45.75	51.75	55.05
A M D.K. W		56	42.74	5.43	32.44	53.97	35.46	38.65	42.30	46.93	50.70
A F ELEM B		59	59.23	6.25	45.66	73.59	50.64	55.69	59.31	64.12	67.20
A F ELEM W		278	55.90	6.45	36.72	71.11	46.90	51.70	56.54	60.38	64.00
A F HS B		33	57.31	6.49	41.45	70.44	49.68	52.69	57.19	61.35	65.77
A F HS W		196	55.63	6.18	37.24	70.47	47.40	51.67	55.82	59.83	63.38
A F COLL B		7	61.87	10.00	44.68	71.73	45.60	54.75	66.00	69.37	71.40
A F COLL W		156	56.12	5.99	40.30	74.36	47.90	52.91	56.48	59.70	63.79
A F D.K. B		18	56.66	6.65	45.24	68.05	47.70	51.75	56.25	60.75	67.80
A F D.K. W		64	55.49	6.58	36.66	74.22	47.43	50.25	55.50	60.14	63.80
TOTAL		3012	49.61	8.98	31.80	74.36	37.60	41.94	49.51	56.72	61.31

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 184

BEQ SCALE 1 (FEMALE ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION		PERCENTILES									
MARGINALS		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
ACADEMIC		1575	0.46	5.77	-18.86	21.23	-6.59	-3.35	0.45	4.10	7.95
NON-ACADEMIC		1437	0.27	6.10	-22.96	19.96	-7.64	-3.69	0.37	4.41	7.94
MALES		1401	-0.82	5.21	-22.96	16.64	-7.40	-3.92	-0.69	2.71	5.75
FEMALES		1611	1.41	6.31	-21.69	21.23	-6.71	-2.85	1.54	5.65	9.59
ELEM F.ED.		863	0.38	6.14	-22.96	21.23	-7.09	-3.31	1.04	4.75	8.18
HS F.ED.		820	0.26	5.95	-16.02	16.64	-7.45	-3.74	0.02	4.14	8.39
COLL F.ED.		1115	0.19	5.64	-18.06	17.83	-6.77	-3.44	0.23	3.77	7.46
D.K.F.ED.		214	0.52	6.48	-16.49	19.01	-7.51	-3.70	0.43	4.95	8.72
BLACK		329	-0.48	6.22	-21.69	18.24	-8.70	-4.70	-0.29	3.66	7.38
WHITE		2683	0.48	5.89	-22.96	21.23	-6.79	-3.41	0.50	4.34	8.01
NOT IN SAMPLE		749	0.10	6.08	-23.68	20.05	-7.75	-3.82	0.31	4.08	7.70

CLASSIFICATION		PERCENTILES									
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A M ELEM	8	11	0.23	4.66	-6.48	6.30	-6.48	-4.50	1.00	4.25	5.90
A M ELEM	W	140	0.64	5.22	-18.86	15.37	-5.40	-2.35	0.69	3.44	7.43
A M HS	8	18	-1.80	6.49	-15.80	8.68	-9.20	-6.50	-2.00	3.50	7.20
A M HS	W	201	-0.45	4.61	-13.42	12.69	-6.42	-3.40	-0.32	2.88	5.54
A M COLL	8	17	-2.33	5.02	-9.33	11.51	-7.65	-6.38	-2.50	0.70	1.72
A M COLL	W	367	-0.63	4.69	-15.95	13.96	-6.31	-3.55	-0.62	2.45	5.73
A M D.K.	8	4	-1.98	4.05	-7.50	1.10	*	*	*	*	*
A M D.K.	W	17	0.49	4.21	-6.48	10.32	-5.30	-1.88	0.33	3.75	5.53
A F ELEM	8	23	0.46	6.70	-11.43	13.41	-9.70	-4.25	1.50	5.42	7.70
A F ELEM	W	117	2.21	6.45	-13.58	21.23	-6.15	-2.39	2.65	6.86	10.51
A F HS	8	18	1.46	8.08	-8.44	15.15	-7.47	-5.00	-1.33	11.00	14.40
A F HS	W	169	1.38	6.53	-16.02	16.26	-6.37	-3.43	1.45	5.85	10.22
A F COLL	8	8	0.48	7.59	-18.06	5.45	-15.61	1.00	2.50	3.50	4.40
A F COLL	W	423	1.09	6.14	-15.15	17.83	-6.12	-2.93	1.10	5.13	9.19
A F D.K.	8	9	0.46	6.91	-11.20	8.68	-10.20	-5.50	1.50	5.50	8.20
A F D.K.	W	33	0.96	8.50	-16.49	16.02	-9.80	-5.75	0.75	7.83	11.80
N M ELEM	8	41	-1.33	5.29	-14.76	7.41	-8.90	-4.38	-1.00	2.92	5.93
N M ELEM	W	194	-1.52	5.84	-22.96	11.58	-9.73	-4.78	-1.00	2.63	5.07
N M HS	8	34	-1.16	5.64	-11.92	8.98	-8.80	-5.67	-2.00	3.25	5.80
N M HS	W	151	-1.49	5.48	-14.53	13.96	-8.65	-5.32	-1.48	2.22	5.63
N M COLL	8	16	-1.64	5.76	-14.69	5.99	-9.40	-6.00	-0.50	2.00	4.93
N M COLL	W	121	-0.70	5.18	-14.84	15.37	-7.09	-3.89	-0.94	2.90	5.98
N M D.K.	8	13	-4.70	7.17	-16.26	8.21	-15.44	-9.50	-3.50	-0.83	3.40
N M D.K.	W	56	-1.16	5.82	-15.71	16.64	-7.47	-4.40	-1.78	2.50	6.56
N F ELEM	8	59	-0.27	6.42	-21.69	18.24	-8.60	-3.79	-0.11	3.79	7.40
N F ELEM	W	278	2.12	6.17	-15.61	19.96	-6.03	-1.96	2.76	5.98	9.45
N F HS	8	33	0.80	6.73	-10.02	12.93	-8.85	-3.17	0.20	6.37	10.85
N F HS	W	196	1.59	6.18	-15.29	16.64	-5.71	-2.78	1.44	5.91	9.92
N F COLL	8	7	2.48	2.79	-0.06	8.36	-0.06	0.75	2.33	3.50	8.36
N F COLL	W	156	0.68	6.19	-14.53	14.99	-8.09	-3.25	0.84	4.80	8.62
N F D.K.	8	18	1.52	5.81	-10.32	13.49	-6.40	-1.25	1.33	3.75	10.40
N F D.K.	W	64	2.71	5.62	-10.17	19.01	-4.87	-1.20	2.89	6.25	9.30
TOTAL		3012	0.37	5.93	-22.96	21.23	-7.12	-3.51	0.41	4.26	7.95

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAF School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 185

BEQ SCALE 1 (FEMALE ACTIVITIES), 0 ORDER TEND

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		7655108.2100	3011				
MEAN		7412539.6447	1	7412539.6447	92011.6875	0.0000	A academic
ERROR		242568.5653	3010	80.5608			B black
CUR		382.8036	1	382.8036	11.2629	0.0009	BEQ Background and Experience Questionnaire
SEX		133858.5890	1	133858.5890	3938.3962	0.0000	COLL college
F.ED		123.8854	3	41.2951	1.2150	0.3027	CF curriculum-father's education interaction
RACE		4165.8511	1	4165.8511	122.5679	0.0000	CR curriculum-race interaction
ERROR		102134.1954	3004	33.9881			CS curriculum-sex interaction
CS		22.2455	1	22.2455	0.6588	0.4171	CUR curriculum
CF		159.1987	3	53.0662	1.5716	0.1942	D.K. respondent did not know
CR		29.3877	1	29.3877	0.8703	0.3512	ELEM elementary school
SF		367.3435	3	122.4478	3.6263	0.0126	F female
SR		151.0165	1	151.0165	4.4724	0.0346	F.ED father's education
FR		143.1157	3	47.7052	1.4128	0.2371	HS high school
ERROR		101062.2903	2992	33.7662			M male
CSF		86.3117	3	28.7706	0.8515	0.4655	MAX maximum
CSR		0.9646	1	0.9646	0.0285	0.8659	MIN minimum
CFR		30.4826	3	10.1609	0.3007	0.8247	N (when in "curriculum" column) non-academic
SFR		132.7705	3	44.2568	1.3098	0.2695	N number of cases
ERROR		100795.2449	2982	33.7899			NDF number of degrees of freedom
CSFR		19.6640	3	6.5547	0.1938	0.9006	SCAT School and College Ability Tests
ERROR		100775.5809	2979	33.8173			S.D. standard deviation
							STEP Sequential Tests of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

TABLE 186

HEQ SCALE 1 (FEMALE ACTIVITIES), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****						
DEPENDENT VARIABLE		1				
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	
TOTAL	106386.7005	3011				
MEAN	414.1367	1	414.1367	11.7669	0.0007	
ERROR	105972.5637	3010	35.1951			
CUR	127.2768	1	127.2768	3.7609	0.0525	
SEX	3746.9322	1	3746.9322	110.7189	0.0000	
F.ED	239.7025	3	79.9008	2.3610	0.0696	
RACE	286.7096	1	286.7096	8.4720	0.0038	
ERROR	101694.6842	3004	33.8418			
CS	148.5460	1	148.5460	4.3944	0.0363	
CF	106.4397	3	35.4799	1.0496	0.3694	
CR	6.3905	1	6.3905	0.1890	0.6639	
SF	85.0741	3	28.3580	0.8389	0.4722	
SR	10.2159	1	10.2159	0.3022	0.5826	
FR	74.2514	3	24.7505	0.7322	0.5326	
ERROR	101173.2718	2992	33.8033			
CSF	197.1017	3	65.7006	1.9451	0.1202	
CSR	15.2673	1	15.2673	0.4520	0.5015	
CFR	15.9548	3	5.3183	0.1575	0.9247	
SFR	184.8022	3	61.6007	1.8237	0.1406	
ERROR	100757.0402	2982	33.7771			
CSFR	32.6984	3	10.8995	0.3225	0.8090	
ERROR	100724.3418	2979	33.8001			

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
Cf	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TG1	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLI college
 CI curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.FD father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 187

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	50.36	9.57	34.78	80.64	38.05	42.90	49.31	56.99	65.10
NON-ACADEMIC		1546	48.89	9.88	34.78	80.64	36.79	40.83	47.58	55.14	63.98
MALES		1507	55.70	9.23	34.78	80.64	43.31	49.03	55.23	62.79	68.81
FEMALES		1711	44.33	6.58	34.78	69.72	35.49	39.00	43.64	48.83	52.47
ELEM F.ED.		928	48.67	9.53	34.78	80.64	36.68	40.96	47.77	54.47	62.90
HS F.ED.		844	49.82	9.93	34.78	80.64	37.46	41.84	48.41	56.94	65.13
COLL F.ED.		1129	50.55	9.70	34.78	78.46	38.15	42.77	49.50	56.89	65.49
D.K.F.ED.		317	48.91	9.82	34.78	76.27	37.16	41.15	47.54	55.34	63.93
BLACK		368	50.85	10.52	34.78	80.64	37.65	42.17	49.52	58.72	66.62
WHITE		2850	49.50	9.64	34.78	80.64	37.51	41.75	48.46	55.76	64.32
NOT IN SAMPLE		3703	50.30	10.21	34.78	80.64	37.12	41.94	49.21	57.41	66.13

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A •	ELEM B	12	60.08	11.11	43.52	80.64	47.83	50.83	57.50	67.50	76.50
A M	ELEM W	149	54.20	8.32	36.96	71.91	42.78	48.43	53.56	61.31	66.77
A M	HS B	18	55.89	11.68	34.78	80.64	39.50	46.25	57.50	65.00	70.50
A M	HS W	210	55.99	8.94	34.78	76.27	44.04	49.03	56.05	62.77	68.59
A M	COLL B	17	58.55	10.92	34.78	76.27	41.00	50.63	60.63	67.08	71.33
A M	COLL W	370	56.21	8.81	34.78	78.46	43.86	49.69	55.63	63.32	68.47
A M	D.K. B	9	64.38	6.09	56.62	71.91	56.62	58.13	68.00	70.25	71.60
A M	D.K. W	34	53.98	10.17	36.96	71.91	39.83	46.00	55.00	62.14	67.10
A F	ELEM W	24	45.61	7.24	36.96	63.17	36.96	39.17	44.50	50.00	55.50
A F	ELEM W	138	44.97	5.94	34.78	58.80	36.33	40.00	45.15	49.76	52.28
A F	HS B	18	47.40	7.70	34.78	60.99	37.00	41.67	48.33	52.08	56.17
A F	HS W	174	44.36	6.36	34.78	65.35	35.64	39.24	43.80	48.12	52.25
A F	COLL B	9	44.24	5.78	36.96	56.62	37.00	39.58	43.33	47.08	53.00
A F	COLL W	427	45.35	6.93	34.78	69.72	36.18	39.91	44.91	49.84	54.05
A F	D.K. B	10	47.45	8.78	36.96	63.17	37.50	41.25	45.83	55.00	62.50
A F	D.K. W	51	43.94	6.21	34.78	60.99	34.82	38.47	44.62	49.25	51.80
N M	ELEM B	41	57.47	9.26	34.78	76.27	47.55	50.63	57.14	63.96	69.87
N M	ELEM W	212	54.69	9.54	34.78	80.64	43.00	47.83	53.85	61.21	68.06
N M	HS B	34	56.04	7.44	39.15	69.72	46.00	51.25	56.39	62.14	66.33
N M	HS W	1	55.80	9.63	36.96	80.64	43.43	49.14	55.26	62.94	69.66
N M	COLL B	1	59.21	7.45	42.52	69.72	49.00	53.75	62.50	65.83	68.50
N M	COLL W	46	56.08	9.85	36.96	78.46	42.75	48.89	55.11	64.11	70.11
N M	D.K. W	28	57.32	9.25	43.52	76.27	47.17	50.00	56.25	64.17	71.17
N M	D.K. W	73	53.18	9.40	34.78	76.27	40.44	47.03	52.67	59.37	67.20
N F	ELEM B	61	42.05	5.99	34.78	63.17	34.78	37.76	40.94	45.08	50.67
N F	ELEM W	291	43.15	6.16	34.78	65.35	34.78	37.89	42.12	47.79	51.69
N F	HS B	33	45.24	6.64	34.78	63.17	36.63	40.54	44.79	49.25	54.62
N F	HS W	197	42.68	5.75	34.78	67.54	34.85	38.04	41.72	46.45	50.72
N F	CULL B	7	48.51	7.54	36.96	60.99	36.96	44.38	48.33	51.25	59.00
N F	CULL W	157	45.60	7.09	34.78	67.54	36.86	39.86	44.85	50.52	55.60
N F	D.K. B	31	44.50	7.56	36.96	69.72	36.96	39.03	43.33	47.81	54.75
N F	D.K. W	81	43.30	6.10	34.78	65.35	35.62	38.71	42.08	46.73	51.55
TOTAL		3718	49.60	9.75	34.78	80.64	37.57	41.80	48.50	56.10	64.66

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
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 CUR curriculum
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 ELEM elementary school
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 MAX maximum
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 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 188

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1775	50.45	9.81	35.70	78.54	38.64	41.88	49.30	57.08	65.35
NON-ACADEMIC		1764	48.69	9.73	35.70	76.40	37.97	40.53	46.57	55.50	63.22
MALES		1658	56.03	9.07	35.70	78.54	43.25	49.66	55.94	62.49	68.80
FEMALES		1881	43.88	6.26	35.70	76.40	37.48	39.24	42.14	47.40	53.30
ELEM F.ED.		982	49.27	9.70	35.70	76.40	38.18	40.95	47.65	56.14	63.58
HS F.ED.		933	49.30	9.89	35.70	78.54	37.96	40.73	47.68	56.16	64.11
COLL F.ED.		1220	50.26	9.84	35.70	78.54	38.63	41.78	48.76	56.84	65.22
D.K.F.ED.		404	48.87	9.68	35.70	76.40	38.19	40.76	46.85	55.45	63.62
BLACK		568	50.94	9.71	35.70	78.54	38.87	42.22	50.32	57.31	64.90
WHITE		2971	49.31	9.81	35.70	78.54	38.17	40.95	47.42	56.10	64.21
NOT IN SAMPLE		4821	50.31	10.13	35.70	78.54	38.23	41.42	49.25	57.15	65.54

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	17	55.48	9.66	35.70	41.00	49.58	58.00	62.25	67.83
A	M	ELEM	151	56.54	8.19	35.70	45.27	51.53	56.40	62.37	69.14
A	M	HS	29	57.32	9.30	39.98	47.00	51.75	56.11	61.46	70.25
A	M	HS	213	55.90	9.33	35.70	42.22	49.18	55.51	63.08	69.19
A	M	COLL	20	56.56	9.90	37.84	42.50	46.25	58.50	63.75	67.50
A	M	COLL	395	56.51	9.34	35.70	43.22	49.81	56.62	63.29	69.30
A	M	D.K.	15	58.10	7.85	46.41	48.33	52.08	55.88	65.62	69.97
A	M	D.K.	37	54.20	9.05	35.70	40.88	46.39	54.25	60.94	68.80
A	F	ELEM	36	45.16	6.17	35.70	36.10	39.72	44.72	50.00	54.25
A	F	ELEM	126	44.35	6.44	35.70	37.85	39.66	42.84	48.52	53.37
A	F	HS	25	47.93	8.46	35.70	38.75	41.88	47.03	52.29	56.87
A	F	HS	180	43.21	5.70	35.70	36.79	38.85	41.38	46.53	53.03
A	F	COLL	13	49.71	6.64	37.84	40.75	44.06	52.92	55.63	57.25
A	F	COLL	445	44.93	6.30	35.70	37.95	40.01	43.77	48.99	54.15
A	F	D.K.	13	48.22	8.91	39.98	39.98	42.75	46.00	51.87	56.75
A	F	D.K.	54	44.20	7.46	35.70	37.00	39.13	42.07	47.29	54.00
N	M	ELEM	55	59.10	7.15	39.98	49.58	54.08	58.75	64.12	68.75
N	M	ELEM	219	55.58	9.01	35.70	43.81	48.75	55.31	61.48	68.89
N	M	HS	50	58.24	6.56	44.27	50.00	54.00	58.09	61.76	67.50
N	M	HS	163	54.35	9.14	35.70	41.93	47.45	54.58	61.56	66.64
N	M	COLL	21	57.94	8.71	42.12	47.75	53.39	57.14	64.69	69.75
N	M	COLL	136	55.84	9.22	37.84	42.36	49.02	55.50	62.83	69.38
N	M	D.K.	50	57.92	9.37	40.46	45.50	50.25	56.50	65.25	71.25
N	M	D.K.	81	52.94	9.53	35.70	39.36	46.25	53.75	59.75	64.67
N	F	ELEM	85	43.77	5.99	35.70	37.22	39.20	42.15	48.90	52.78
N	F	HS	293	42.80	5.73	35.70	36.94	38.84	41.28	45.61	51.52
N	F	HS	56	44.63	5.50	35.70	38.07	39.89	43.27	48.96	52.83
N	F	COLL	211	41.94	5.37	35.70	35.70	38.20	40.89	44.91	50.12
N	F	COLL	20	46.03	6.57	35.70	38.13	40.00	45.00	51.50	55.00
N	F	COLL	170	44.07	7.16	35.70	36.97	39.09	41.96	47.29	54.34
N	F	D.K.	63	44.60	5.96	35.70	38.19	39.72	42.26	48.62	54.20
N	F	D.K.	97	42.41	5.14	35.70	36.64	38.84	41.42	45.26	49.92

TOTAL		3036	49.57	9.81	35.70	79.54	38.26	41.12	47.95	55.32	64.34

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 189

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1792	50.90	10.06	36.71	81.45	38.37	42.78	49.51	57.94	66.35	
NON-ACADEMIC		1723	48.54	9.56	36.71	83.69	37.11	40.70	47.02	53.83	63.42	
MALES		1643	55.80	9.61	36.71	83.69	42.99	48.57	55.08	63.29	69.19	
FEMALES		1872	44.43	6.49	36.71	76.97	36.71	39.14	43.43	48.87	52.48	
ELEM F.ED.		1052	49.79	9.81	36.71	79.21	37.50	41.35	47.91	55.38	65.02	
HS F.ED.		560	49.76	9.98	36.71	79.21	37.74	41.51	48.35	56.17	65.29	
COLL F.ED.		1237	50.47	10.04	36.71	83.69	38.21	42.27	49.10	57.57	65.67	
D.K. F.ED.		266	47.71	8.79	36.71	79.21	36.93	40.49	46.32	52.19	60.76	
BLACK		512	51.03	9.78	36.71	76.97	38.55	42.81	49.91	57.86	65.68	
WHITE		3003	49.52	9.89	36.71	83.69	37.66	41.45	48.07	55.72	64.98	
NOT IN SAMPLE		3360	50.27	10.11	36.71	83.69	37.77	41.76	49.06	56.96	65.40	
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	59.20	10.64	38.95	42.00	53.75	62.50	68.75	70.26
A	M	ELEM	W	161	56.69	9.35	36.71	44.88	49.46	55.08	64.26	69.86
A	M	HS	B	30	56.02	9.61	36.71	40.83	49.38	58.13	62.92	66.67
A	M	HS	W	228	56.51	9.99	36.71	42.85	48.66	56.14	64.67	70.03
A	M	COLL	B	20	57.07	9.26	43.42	45.83	49.50	55.83	63.75	67.50
A	M	COLL	W	398	56.89	9.40	36.71	44.43	49.84	56.82	64.21	69.78
A	M	D.K.	B	6	56.47	9.74	43.42	45.50	48.75	52.50	65.00	69.50
A	M	D.K.	W	21	52.69	9.99	36.71	38.00	45.31	51.88	60.94	67.25
A	F	ELEM	B	37	46.96	6.32	36.71	38.71	42.60	46.46	51.72	55.57
A	F	ELEM	W	146	45.36	6.88	36.71	36.71	39.70	44.41	49.85	54.94
A	F	HS	B	27	48.15	9.91	36.71	37.89	40.14	45.62	51.87	58.00
A	F	HS	W	187	44.73	6.33	36.71	36.71	39.55	43.92	49.27	52.64
A	F	COLL	B	15	47.30	8.04	36.71	38.13	40.94	48.00	51.75	60.00
A	F	COLL	W	449	45.05	6.67	36.71	36.71	39.73	44.33	49.48	54.23
A	F	D.K.	B	11	50.54	8.59	36.71	38.00	44.38	50.00	58.12	62.25
A	F	D.K.	W	38	44.91	6.72	36.71	36.71	39.06	45.00	50.00	53.00
N	M	ELEM	B	55	58.10	9.24	36.71	45.00	51.25	58.25	65.78	70.56
N	M	ELEM	W	239	54.65	9.19	36.71	43.14	47.74	53.24	62.54	67.73
N	M	HS	B	49	57.39	8.64	41.19	45.29	50.16	58.12	63.75	69.00
N	M	HS	W	171	53.55	9.41	36.71	41.91	46.90	51.70	59.94	66.88
N	M	COLL	B	21	57.16	9.36	41.19	42.75	49.58	56.88	63.44	67.37
N	M	COLL	W	141	55.76	9.99	36.71	41.77	48.26	55.88	62.99	69.03
N	M	D.K.	B	23	53.15	8.47	41.19	43.00	47.97	51.56	56.75	66.00
N	M	D.K.	W	62	51.26	10.27	36.71	38.42	42.29	49.58	58.44	66.00
N	F	ELEM	B	87	45.24	7.04	36.71	36.71	39.03	44.41	50.46	55.44
N	F	ELEM	W	309	42.77	5.45	36.71	36.71	38.24	41.75	46.55	50.59
N	F	HS	B	56	45.54	6.16	36.71	37.17	40.00	45.50	50.62	54.21
N	F	HS	W	212	42.53	5.19	36.71	36.71	37.92	41.60	46.76	50.68
N	F	COLL	B	22	49.83	10.36	36.71	37.70	41.00	48.75	56.67	64.50
N	F	COLL	W	171	44.17	6.32	36.71	36.71	39.29	43.17	48.43	51.72
N	F	D.K.	B	35	45.28	5.73	36.71	38.39	40.27	44.06	49.53	53.12
N	F	D.K.	W	70	42.85	5.19	36.71	36.71	38.04	41.85	46.32	50.83
TOTAL		3515	49.74	9.89	36.71	83.69	37.78	41.62	48.34	56.12	65.09	

A academic

B black

BQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistics (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
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 ELEM elementary school
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 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistics:
 (N < 5)

TABLE 190

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 7, 1963

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	8240192.9573	3217					
MEAN	7934386.9275	1	7934386.9275	83467.6250		0.0000	
ERROR	305806.0298	3216	95.0594				
CUR	333.4628	1	333.4628	5.3685		0.0206	
SEX	102286.1988	1	102286.1988	1646.7163		0.0000	
F.ED	1269.0843	3	423.0281	6.8104		0.0003	
RACE	990.7185	1	990.7185	15.9497		0.0002	
ERROR	199452.0253	3210	62.1153				
CS	129.7065	1	129.7065	2.0935		0.1483	
CF	217.0647	3	72.3549	1.1678		0.3206	
CR	104.8140	1	104.8140	1.6917		0.1936	
SF	173.9600	3	57.9867	0.9359		0.4223	
SR	254.0558	1	254.0558	4.1005		0.0430	
FR	289.7990	3	96.5997	1.5591		0.1973	
ERROR	198202.3110	3198	61.9576				
CSF	282.5182	3	94.1727	1.5245		0.2061	
CSR	31.3366	1	31.3366	0.5073		0.4764	
CFR	278.4999	3	92.8333	1.5029		0.2118	
SFR	691.4595	3	230.4865	3.7313		0.0109	
ERROR	196987.9874	3188	61.7711				
CSFR	52.6580	3	17.5527	0.2840		0.8369	
ERROR	196935.3294	3185	61.8127				

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(.)

TABLE 191

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 9, 1965

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	9037477.5876	3538					A academic
MEAN	8697186.7635	1	8697186.7635	90424.5000	0.0000		B black
ERROR	340290.8241	3537	96.1817				BEQ Background and Experience Questionnaire
CUR	934.1685	1	934.1685	16.0257	0.0002		COLL college
SEX	128985.2732	1	128985.2732	2212.7424	0.0000		CF curriculum-father's
F.ED	1026.4926	3	342.1642	5.8698	0.0006		education interaction
RACE	2620.4955	1	2620.4955	44.9546	0.0000		CR curriculum-race
ERROR	205887.4306	3531	58.2920				interaction
CS	96.8117	1	96.8117	1.6627	0.1976		CS curriculum-sex
CF	95.0826	3	31.6942	0.5443	0.6518		interaction
CR	37.1162	1	37.1162	0.6375	0.4247		CUR curriculum
SF	305.8236	3	101.9412	1.7508	0.1545		D.K. respondent did not know
SR	23.3946	1	23.3946	0.4018	0.5263		ELEM elementary school
FR	308.8238	3	102.9413	1.7680	0.1511		F female
ERROR	204948.5157	3519	58.2240				F.ED father's education
CSF	20.3808	3	6.7936	0.1168	0.9503		HS high school
CSR	411.9150	1	411.9150	7.0806	0.0078		M male
CFR	124.6318	3	41.5439	0.7141	0.5432		MAX maximum
SFR	133.3036	3	44.4345	0.7638	0.5141		MIN minimum
ERROR	204193.7619	3509	58.1749				N (when in "curriculum"
							column) non-academic
CSFR	9.1806	3	3.0602	0.0526	0.9840		N number of cases
ERROR	204184.5813	3506	58.2220				NDF number of degrees of freedom
							SCAT School and College
							Ability Tests
							S.D. standard deviation
							STEP Sequential Tests of
							Educational Progress
							TGI Test of General
							Information
							W white
							* no valid statistic
							(N < 5)

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 11, 1967

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

PROBABILITY
OF LARGER F

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9041313.5042	3514			
MEAN	8697792.9722	1	8697792.9722	98972.9375	0.0000
ERROR	343520.5319	3513	97.7577		
CUR	2553.7052	1	2553.7052	39.9516	0.0001
SEX	111537.8693	1	111537.8693	1744.9590	0.0000
FED	995.5368	3	331.8456	5.1916	0.0015
RACE	2862.1579	1	2862.1579	44.7771	0.0001
ERROR	224231.4427	3507	63.9200		
CS	0.7695	1	0.7695	0.0121	0.9126
CF	397.0116	3	132.3372	2.0759	0.1013
CR	124.6224	1	124.6224	1.9548	0.1624
SF	730.9416	3	243.6472	3.8219	0.0096
SR	50.4097	1	50.4097	0.7907	0.3742
FR	3.5649	3	1.1883	0.0186	0.9965
ERROR	222871.9380	3495	63.7506		
CSF	29.8724	3	9.9575	0.1561	0.9259
CSR	42.8940	1	42.8940	0.6725	0.4124
CFR	173.5564	3	57.8521	0.9070	0.4367
SFR	190.0477	3	63.3492	0.9932	0.3949
ERROR	222343.5278	3485	63.7819		
CSFR	156.4942	3	52.1647	0.8177	0.4838
ERROR	222187.0337	3482	63.7919		

KEY

A academic
B black
BEQ Background and Exper-
ence Questionnaire
COLL college
CF curriculum-father's
education interaction
CR curriculum-race
interaction
CS curriculum-sex
interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
FED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum"
column) non-academic
N number of cases
NDP number of degrees of
freedom
SCAT School and College
Ability Tests
S.D. standard deviation
STEP Sequential Tests of
Educational Progress
TGI Test of General
Information
W white
* no valid statistic
(N = 5)

TABLE 193

BEO SCALE 2 (SPORTS AND MASCULINE INTERESTS), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
	ACADEMIC	1573	50.52	8.80	35.73	75.79	40.00	43.37	49.27	56.95	63.44	
	NON-ACADEMIC	1435	48.53	8.68	35.73	75.89	38.70	41.66	46.86	54.48	61.28	
	MALES	1399	55.90	7.88	35.73	75.89	45.28	50.29	55.98	61.53	66.45	
	FEMALES	1609	44.07	5.05	35.73	67.82	38.09	40.45	43.29	47.38	51.44	
	ELEM F.ED.	861	49.01	8.68	35.73	74.38	38.88	42.03	47.44	54.93	61.49	
	HS F.ED.	817	49.49	9.04	35.73	74.38	38.92	42.07	47.76	56.25	63.05	
	COLL F.ED.	1116	50.38	8.79	35.73	75.89	40.15	43.25	49.07	56.71	63.11	
	D.K.F.ED.	214	47.88	7.97	35.73	70.70	38.72	41.69	46.31	53.77	58.44	
	BLACK	327	50.92	8.62	36.46	74.38	40.26	43.91	50.21	57.29	63.22	
	WHITE	2681	49.41	8.81	35.73	75.89	39.15	42.31	47.84	55.62	62.49	
	NOT IN SAMPLE	749	49.70	8.86	35.73	76.55	39.11	42.63	48.30	55.91	62.75	
CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	8	11	60.66	5.92	50.24	52.80	56.25	60.00	66.37	68.56
A	M	ELEM	8	140	55.54	7.18	39.34	45.35	50.38	55.62	60.39	65.05
A	M	HS	8	18	55.22	8.44	37.90	44.70	48.75	56.25	62.00	65.10
A	M	HS	8	201	56.32	8.38	37.91	44.62	49.70	56.90	62.84	66.91
A	M	COLL	8	17	56.47	8.12	42.34	44.55	52.88	58.00	62.25	67.95
A	M	COLL	8	367	56.64	7.86	37.20	46.09	51.13	56.83	62.33	66.84
A	M	O.K.	8	4	58.49	8.30	30.26	*	*	*	*	*
A	M	O.K.	8	17	53.34	7.37	39.36	42.60	50.44	53.40	56.62	64.95
A	F	ELEM	8	23	46.59	5.14	38.66	39.80	42.56	46.80	50.75	53.77
A	F	ELEM	8	116	44.65	5.38	35.73	38.19	40.71	43.88	48.00	53.10
A	F	HS	8	17	45.86	5.19	37.22	38.55	42.38	46.13	49.31	52.95
A	F	HS	8	169	43.96	4.96	35.73	38.18	40.35	43.26	46.48	51.68
A	F	COLL	8	8	46.37	6.48	39.39	39.90	42.00	45.00	48.00	59.10
A	F	COLL	8	423	45.05	5.23	35.73	38.70	41.29	44.54	48.54	52.34
A	F	D.K.	8	9	48.94	8.03	37.88	40.20	42.38	50.25	54.75	61.80
A	F	O.K.	8	33	45.17	6.14	35.73	37.68	40.63	44.33	48.25	53.77
A	M	ELEM	8	41	58.19	7.30	40.79	49.97	52.61	57.60	63.75	68.40
A	M	ELEM	8	193	55.14	7.89	37.19	45.06	49.53	54.59	60.43	66.64
A	M	HS	8	33	57.24	4.43	48.82	51.22	54.12	57.15	60.75	63.35
A	M	HS	8	151	54.92	8.14	36.46	44.27	48.93	54.78	60.56	65.95
A	M	COLL	8	16	58.68	7.00	45.90	50.40	53.50	58.50	63.00	65.70
A	M	COLL	8	122	55.94	8.19	38.63	45.60	49.97	55.87	61.41	66.67
A	M	O.K.	8	13	54.40	6.50	43.73	46.80	48.75	54.75	59.62	62.55
A	M	O.K.	8	55	52.64	7.97	35.73	42.00	46.82	53.57	57.35	61.00
A	F	ELEM	8	59	43.83	4.88	36.46	37.91	39.80	43.15	46.61	51.07
A	F	ELEM	8	278	42.78	4.24	35.73	37.67	39.57	42.29	45.88	49.18
A	F	HS	8	33	45.25	4.62	37.19	40.60	42.25	45.19	48.54	51.52
A	F	HS	8	195	42.32	4.21	35.73	37.04	39.14	41.79	44.72	48.53
A	F	COLL	8	7	48.45	6.79	37.88	39.60	42.75	50.00	51.75	56.40
A	F	COLL	8	156	44.53	5.16	36.46	38.56	40.79	43.62	48.37	51.90
A	F	D.K.	8	18	44.02	5.43	37.88	38.85	40.75	43.00	47.00	55.80
A	F	D.K.	8	65	42.76	4.50	35.73	37.61	39.70	42.29	45.61	48.45
TOTAL		3008	49.57	8.80	35.73	75.89	39.25	42.45	48.10	55.85	67.61	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TCI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 194

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1573	0.27	5.83	-18.67	23.70	-7.01	-3.57	0.05	3.38	7.70
NON-ACADEMIC		1435	-0.43	5.81	-23.15	25.20	-7.44	-3.96	-0.49	2.84	7.02
MALES		1399	-0.01	6.54	-23.15	23.70	-7.81	-4.57	0.17	4.23	8.41
FEMALES		1609	-0.10	5.13	-20.25	25.20	-6.60	-3.16	-0.46	2.90	6.63
ELEM F.ED.		861	0.27	5.74	-21.69	23.70	-7.11	-3.36	0.05	4.10	7.57
HS F.ED.		817	-0.22	5.73	-23.15	20.57	-7.14	-3.72	-0.38	2.91	7.07
COLL F.ED.		1116	-0.14	5.93	-20.25	25.20	-7.33	-3.92	-0.31	3.40	7.46
D.K.F.ED.		214	-0.40	5.99	-17.08	17.25	-7.51	-4.18	-0.54	3.25	7.02
BLACK		327	0.59	6.38	-18.60	20.42	-7.22	-3.33	0.13	4.60	8.78
WHITE		2681	-0.14	5.75	-23.15	25.20	-7.23	-3.77	-0.29	3.33	7.23
NOT IN SAMPLE		749	-0.03	6.14	-20.22	18.84	-7.58	-4.06	0.11	3.94	7.48

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	11	1.09	10.32	-14.00	-5.50	-1.00	8.50	13.80
A	M	ELEM	W	140	1.46	6.49	-15.54	-2.50	1.31	6.29	9.20
A	M	HS	B	18	-1.44	6.63	-15.25	-6.33	0.0	1.80	6.40
A	M	HS	W	201	0.47	5.77	-16.94	-3.48	0.26	3.72	8.18
A	M	COLL	B	17	-1.86	7.47	-18.60	-5.83	-2.50	1.75	8.60
A	M	COLL	W	367	0.64	6.44	-17.06	-3.95	0.64	4.81	8.94
A	M	D.K.	B	4	-4.88	5.28	-10.88	*	*	*	*
A	M	D.K.	W	17	-0.36	8.28	-15.51	-3.75	-0.33	3.75	12.60
A	F	ELEM	B	23	1.05	4.92	-10.80	-1.30	1.25	4.17	6.70
A	F	ELEM	W	116	0.13	4.89	-12.45	-3.38	0.0	3.60	6.60
A	F	HS	B	17	-0.38	8.95	-15.58	-8.60	-2.50	3.75	14.60
A	F	HS	W	169	0.12	4.48	-10.99	-5.64	-0.38	3.12	6.17
A	F	COLL	B	8	0.36	3.78	-6.36	-6.36	1.00	3.00	4.40
A	F	COLL	W	423	-0.29	5.29	-18.67	-0.54	-0.62	2.94	6.88
A	F	D.K.	B	9	3.49	6.77	-4.48	-4.20	1.50	5.50	15.23
A	F	D.K.	W	33	-0.03	5.12	-9.45	-6.85	-0.14	3.37	6.47
N	M	ELEM	B	41	0.68	5.99	-12.45	-4.25	0.17	4.87	9.90
N	M	ELEM	W	193	-0.45	5.40	-21.69	-8.14	0.03	4.21	7.44
N	M	HS	B	33	0.64	7.69	-17.01	-9.40	0.83	5.75	11.70
N	M	HS	W	151	-1.73	7.01	-23.15	-11.45	-1.35	1.94	7.40
N	M	COLL	B	16	-0.78	4.33	-9.14	-7.60	0.0	2.00	5.40
N	M	COLL	W	122	-0.54	6.42	-20.17	-7.95	-0.27	1.90	7.66
N	M	D.K.	B	13	-0.59	7.32	-14.00	-9.40	1.00	6.75	8.70
N	M	D.K.	W	55	-1.74	6.46	-17.08	-7.91	-1.44	2.62	5.83
N	F	ELEM	B	59	2.59	5.00	-6.36	-2.55	-0.59	2.54	6.29
N	F	ELEM	W	276	-0.41	4.89	-14.08	-6.85	-0.33	1.69	7.35
N	F	HS	B	33	0.20	5.42	-12.53	-6.47	-0.52	1.96	6.21
N	F	HS	W	195	-0.12	4.56	-17.17	-6.07	0.33	1.50	6.30
N	F	COLL	B	7	0.92	2.70	-1.65	-1.53	0.33	1.83	5.73
N	F	COLL	W	156	-1.08	5.86	-20.25	-7.79	-1.03	1.83	5.73
N	F	D.K.	B	18	0.69	6.65	-13.85	-10.40	-0.67	5.00	8.40
N	F	D.K.	W	65	-0.00	4.44	-10.88	-6.20	-0.35	2.50	5.80
TOTAL		3008	-0.06	5.83	-23.15	25.20	-7.23	-3.74	-0.24	3.45	7.37

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 195

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		7623944.3428	3007				
MEAN		7391183.1040	1	7391183.1040	95485.3125	0.0000	A academic
ERROR		232761.2388	3006	77.4065			B black
CUR		850.3675	1	850.3675	20.4302	0.0001	BEQ Background and Experience Questionnaire
SEX		102937.7722	1	102937.7722	2473.0918	0.0000	COLL college
F.ED		823.1599	3	274.3866	6.5922	0.0003	CF curriculum-father's education interaction
RACE		1140.5227	1	1140.5227	27.4012	0.0001	CR curriculum-race interaction
ERROR		124910.9173	3000	41.6231			CS curriculum-sex interaction
CS		62.2657	1	62.2657	1.4981	0.2212	CUR curriculum
CF		183.8109	3	61.2703	1.4741	0.2196	D.K. respondent did not know
CR		12.5569	1	12.5569	0.3021	0.5828	ELEM elementary school
SF		358.5865	3	119.5288	2.8758	0.0349	F female
SR		4.6310	1	4.6310	0.1114	0.7387	F.ED father's education
FR		15.8394	3	5.2798	0.1270	0.9442	HS high school
ERROR		124234.1346	2988	41.5639			M male
CSF		61.7062	3	20.5687	0.4954	0.6853	MAX maximum
CSR		2.5917	1	2.5917	0.0624	0.8027	MIN minimum
CFR		251.6990	3	83.8997	2.0209	0.1089	N (when in "curriculum" column) non-academic
SFR		184.9799	3	61.6600	1.4852	0.2166	NDF number of degrees of freedom
ERROR		123677.6851	2978	41.5165			SCAT School and College Ability Tests
CSFR		37.5547	3	12.5182	0.3013	0.8244	S.D. standard deviation
ERROR		123640.1304	2975	41.5458			STEP Sequential Tests of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	102134.6793	3007			
MEAN	11.7437	1	11.7437	0.3458	0.5566
ERROR	102122.9356	3006	33.9617		
CUR	542.6490	1	542.6490	16.0794	0.0002
SEX	1.6759	1	1.6759	0.0497	0.8237
F.ED	247.0962	3	82.3654	2.4406	0.0626
RACE	197.1363	1	197.1363	5.8414	0.0157
ERROR	101278.1846	3000	33.7482		
CS	157.1984	1	157.1984	4.6864	0.0305
CF	5.8783	3	1.9594	0.0584	0.9815
CR	221.9739	1	221.9739	6.6176	0.0103
SF	219.7571	3	73.2524	2.1838	0.0880
SR	84.7297	1	84.7297	2.5260	0.1123
FR	85.0917	3	28.3639	0.8456	0.4687
ERROR	100260.5741	2988	33.5432		
CSF	72.5507	3	24.1836	0.7205	0.5393
CSR	65.8592	1	65.8592	1.9622	0.1615
CFR	26.4846	3	8.8282	0.2630	0.8521
SFR	120.4077	3	40.1359	1.1958	0.3098
ERROR	99985.0576	2978	33.5633		
CSFR	115.1584	3	38.3861	1.1439	0.3300
ERROR	99869.8992	2975	33.5584		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MTN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N = 5)

TABLE 197

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	49.16	9.24	30.75	83.09	36.86	41.19	49.08	54.95	62.35
NON-ACADEMIC		1546	49.53	9.77	30.75	88.90	36.91	41.02	49.12	55.58	63.93
MALES		1507	49.98	9.53	30.75	88.90	37.55	41.83	49.68	55.87	63.83
FEMALES		1711	48.77	9.44	30.75	83.09	36.36	40.56	48.54	54.71	62.44
ELEM F.ED.		928	48.85	10.10	30.75	85.99	36.14	40.15	48.28	55.09	63.83
HS F.ED.		844	49.62	9.34	30.75	88.90	37.04	41.49	49.54	55.38	63.33
COLL F.ED.		1129	49.34	8.89	30.75	77.27	37.59	41.68	49.10	54.94	62.12
D.K.F.ED.		317	49.99	10.16	30.75	80.18	36.20	41.59	50.00	56.29	64.23
BLACK		368	52.14	10.86	30.75	80.18	36.76	43.48	52.26	59.70	66.74
WHITE		2850	48.98	9.25	30.75	88.90	36.90	40.93	48.81	54.73	62.41
NOT IN SAMPLE		3703	50.58	10.38	30.75	88.90	37.07	41.58	50.14	56.77	65.70

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	12	50.37	9.20	39.47	71.45	39.50	42.50	49.17	55.00	66.50
A	M ELEM W	149	48.97	9.17	30.75	80.18	37.46	40.77	48.82	54.57	61.05
A	M HS B	18	51.91	10.11	36.56	68.55	37.00	41.67	52.50	60.00	65.50
A	M HS W	210	49.83	9.47	30.75	80.18	36.59	41.32	50.09	55.81	63.82
A	M COLL B	17	53.84	12.53	30.75	74.36	36.00	47.75	52.00	61.87	73.25
A	M COLL W	370	49.50	8.53	30.75	71.45	37.75	42.30	49.36	55.16	61.83
A	M D.K. B	9	54.65	6.63	45.29	65.64	47.00	50.63	55.00	59.37	63.00
A	M D.K. W	34	50.59	9.23	33.66	74.36	38.00	43.75	50.83	57.14	62.10
A	F ELEM B	24	50.74	12.34	33.66	80.18	34.90	39.17	53.33	58.75	65.50
A	F ELEM W	138	47.88	10.37	30.75	83.09	34.77	39.45	47.97	53.65	62.64
A	F HS B	18	52.23	14.66	30.75	80.18	33.83	40.00	52.50	65.00	73.50
A	F HS W	176	48.72	8.38	30.75	68.55	37.83	41.22	48.53	54.47	61.06
A	F COLL B	9	51.75	11.52	39.47	77.27	39.75	43.13	50.00	56.87	73.00
A	F COLL W	427	48.50	8.79	30.75	77.27	36.62	41.03	48.43	53.92	60.36
A	F D.K. B	10	52.84	6.46	42.38	65.64	42.50	48.75	50.83	55.00	62.50
A	F D.K. W	51	47.28	10.63	30.75	77.27	33.42	38.65	46.00	54.11	63.62
N	M ELEM B	41	53.66	9.88	30.75	74.36	42.56	46.41	53.64	60.42	67.40
N	M ELEM W	212	49.46	10.03	30.75	85.99	37.61	40.61	48.08	55.62	65.70
N	M HS B	34	54.09	8.87	36.56	74.36	43.00	48.44	53.75	59.58	65.17
N	M HS W	158	49.85	9.67	30.75	88.90	36.85	41.80	49.75	55.23	63.17
N	M COLL B	16	52.56	10.13	36.56	68.55	36.56	44.17	53.75	60.00	66.00
N	M COLL W	126	49.39	8.67	33.66	74.36	37.81	41.44	49.47	55.00	62.23
N	M D.K. B	28	55.15	12.19	30.75	80.18	37.00	46.25	55.50	64.50	70.50
N	M D.K. W	73	48.91	10.10	30.75	77.27	36.44	41.35	48.33	54.71	63.37
N	F ELEM B	61	49.86	10.57	30.75	74.36	35.43	40.34	49.75	57.37	64.92
N	F ELEM W	291	47.69	9.61	30.75	74.36	35.33	39.28	46.72	54.12	61.59
N	F HS B	33	51.28	10.88	30.75	74.36	35.38	41.56	52.08	60.42	65.58
N	F HS W	197	48.50	8.67	30.75	77.27	37.14	41.03	48.28	53.72	59.80
N	F COLL B	7	58.16	15.46	33.66	77.27	36.00	41.25	63.75	68.75	74.00
N	F COLL W	157	49.90	8.72	30.75	77.27	38.60	41.96	49.09	55.49	62.23
N	F D.K. B	31	49.13	10.94	33.66	77.27	35.60	39.79	48.75	56.56	62.37
N	F D.K. W	81	50.10	9.31	30.75	71.45	36.31	41.77	50.80	55.86	63.25
TOTAL		3218	49.34	9.50	30.75	88.90	36.88	41.10	49.10	55.25	63.17

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 198

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1779	49.17	9.22	29.30	87.90	37.75	41.88	49.48	55.32	62.43
NON-ACADEMIC		1763	49.88	9.78	29.30	87.90	37.88	42.25	49.95	55.83	63.95
MALES		1659	49.94	9.73	29.30	87.90	37.90	42.30	49.94	56.03	63.87
FEMALES		1883	49.15	9.29	29.30	79.42	37.74	41.85	49.51	55.20	62.56
ELEM F.ED.		982	50.02	9.76	29.30	87.90	37.90	42.04	50.24	56.26	63.85
HS F.ED.		936	49.87	9.62	29.30	87.90	38.07	42.41	49.92	55.75	63.61
COLL F.ED.		1219	49.03	9.03	29.30	75.56	37.74	42.13	49.36	54.90	61.84
D.K. F.ED.		405	48.96	9.96	29.30	84.81	36.53	41.17	49.24	55.28	63.81
BLACK		571	52.91	10.93	29.30	87.90	38.74	45.46	52.48	61.10	67.01
WHITE		2971	48.87	9.06	29.30	81.73	37.69	41.72	49.25	54.91	61.64
NOT IN SAMPLE		4835	50.35	10.33	29.30	94.07	37.57	42.20	50.33	56.48	64.86

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	8	17	51.79	11.37	29.30	31.75	40.63	56.25	60.63	63.22
A	M	ELEM	W	151	49.82	8.82	32.38	38.77	42.30	49.62	55.68	62.46
A	M	HS	8	30	53.97	11.51	38.55	41.25	46.88	51.88	61.25	69.17
A	M	HS	W	219	50.33	9.01	29.30	38.82	43.95	50.29	56.16	63.98
A	M	COLL	8	20	50.18	12.07	29.30	32.50	42.50	50.83	60.00	65.83
A	M	COLL	W	395	49.52	9.16	32.38	37.62	42.17	50.02	55.33	62.04
A	M	O.K.	8	15	47.39	7.72	32.38	35.00	43.75	49.00	52.92	56.67
A	M	D.K.	W	37	48.24	10.59	29.30	32.13	40.31	49.44	56.25	62.87
A	F	ELEM	8	36	50.12	9.37	32.38	36.83	45.00	50.42	55.83	63.17
A	F	ELEM	W	126	49.41	9.70	29.30	37.17	40.93	50.50	56.80	63.00
A	F	HS	8	27	51.60	11.13	29.30	32.00	41.25	52.86	57.92	65.75
A	F	HS	W	190	48.26	8.17	32.38	38.10	41.31	48.75	54.33	58.06
A	F	COLL	8	13	53.73	9.63	38.55	40.75	47.92	53.75	61.87	66.75
A	F	COLL	W	445	47.78	8.70	29.30	37.25	41.25	48.12	53.19	60.00
A	F	D.K.	8	13	55.16	12.81	35.47	38.00	41.25	60.00	65.25	67.20
A	F	D.K.	W	55	46.79	9.57	32.38	33.33	39.55	47.08	53.39	61.67
N	M	ELEM	8	55	55.50	11.45	29.30	40.42	46.61	54.82	64.31	69.58
N	M	ELEM	W	219	48.90	9.87	29.30	36.59	41.04	48.85	55.11	63.84
N	M	HS	8	50	54.18	12.04	35.47	40.36	46.25	52.08	61.67	72.50
N	M	HS	W	163	48.59	9.79	29.30	36.12	40.40	48.48	55.54	62.38
N	M	COLL	8	21	54.41	10.15	38.55	40.13	45.62	55.00	63.75	69.00
N	M	COLL	W	135	49.44	8.56	29.30	38.48	43.01	49.65	54.81	61.15
N	M	D.K.	8	50	53.98	10.02	36.15	40.83	47.71	52.95	61.67	66.39
N	M	D.K.	W	82	46.78	9.37	29.30	33.00	40.00	46.67	52.73	59.75
N	F	ELEM	8	85	53.29	10.25	29.30	38.44	48.18	52.65	61.46	66.33
N	F	ELEM	W	293	49.14	9.17	29.30	38.04	41.83	49.77	55.24	60.84
N	F	HS	8	56	53.54	12.19	29.30	35.75	45.50	53.65	63.50	68.17
N	F	HS	W	211	48.96	8.66	29.30	38.21	42.63	49.46	54.43	60.18
N	F	COLL	8	20	52.48	12.05	35.47	38.50	41.50	52.50	64.50	67.50
N	F	COLL	W	170	49.24	8.48	29.30	38.00	43.79	49.83	55.00	60.42
N	F	D.K.	8	63	50.85	10.17	29.30	38.55	43.25	50.69	56.70	65.44
N	F	D.K.	W	90	47.84	8.90	32.38	35.50	40.69	48.79	52.42	60.50
TOTAL		3542	49.52	9.51	29.30	87.90	37.81	42.06	49.71	55.54	63.21	

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 199

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1792	49.33	9.31	28.55	83.13	38.25	42.06	49.53	54.72	62.02
NON-ACADEMIC		1727	50.49	10.23	28.55	89.55	38.02	42.79	50.38	56.13	64.26
MALES		1646	50.25	10.07	28.55	86.34	38.13	42.39	50.21	55.78	64.19
FEMALES		1873	49.59	9.52	28.55	89.55	38.17	42.30	49.69	55.08	62.27
ELEM F.O.E.		1053	50.65	9.96	28.55	89.55	38.49	43.16	50.55	56.07	64.07
HS F.O.E.		962	50.23	9.74	28.55	86.34	38.43	42.66	50.03	55.50	63.87
COLL F.O.E.		1237	49.10	9.44	28.55	83.13	37.89	42.00	49.40	54.72	61.66
O.K.F.O.E.		267	49.46	10.47	28.55	86.34	36.23	41.03	49.65	55.48	63.98
BLACK		513	54.20	11.09	28.55	89.55	39.69	47.72	53.21	61.45	67.20
WHITE		3006	49.17	9.35	28.55	86.34	37.99	41.94	49.47	54.71	61.73
NOT IN SAMPLE		3364	50.11	10.22	28.55	92.76	37.80	42.21	50.18	55.97	64.13
CUR SEX F.O.E. RACE		N	MEAN	S.O.	MIN	MAX	10	25	50	75	90
A	M	ELEM	8	13	38.18	83.13	40.50	49.00	55.00	66.67	73.50
A	M	ELEM	W	161	50.16	9.23	38.81	42.95	50.25	55.04	62.43
A	M	HS	8	30	53.48	11.01	39.17	47.81	52.50	61.25	67.50
A	M	HS	W	228	50.31	9.58	38.70	42.50	50.17	55.80	64.07
A	M	COLL	8	20	53.91	11.02	35.83	48.75	54.17	59.17	65.00
A	M	COLL	W	398	49.56	9.11	38.39	43.04	49.75	54.73	63.00
A	M	O.K.	8	6	47.27	9.40	31.76	40.00	50.00	53.75	56.00
A	M	O.K.	W	21	48.03	7.15	39.00	41.25	48.44	51.72	55.67
A	F	ELEM	8	37	49.46	8.24	40.20	44.31	49.25	54.46	59.12
A	F	ELEM	W	146	50.46	9.57	38.25	43.12	51.01	56.14	63.50
A	F	HS	8	27	52.83	12.15	37.00	42.19	52.00	62.92	69.67
A	F	HS	W	187	48.67	8.62	38.44	41.86	48.92	53.85	57.69
A	F	COLL	8	15	51.23	8.70	41.39	43.75	49.38	55.62	63.75
A	F	COLL	W	449	47.38	8.76	37.48	40.83	48.14	52.87	51.25
A	F	O.K.	8	11	53.03	10.06	39.33	42.08	53.33	58.75	64.75
A	F	O.K.	W	38	46.63	8.22	38.38	40.16	44.50	51.56	56.70
N	M	ELEM	8	55	56.67	11.42	43.13	49.88	55.00	64.12	71.25
N	M	ELEM	W	240	49.38	9.99	37.87	41.20	49.79	55.71	63.25
N	M	HS	8	50	56.28	11.81	41.50	49.11	54.00	63.33	72.50
N	M	HS	W	171	48.57	9.58	36.77	41.33	48.91	53.92	62.82
N	M	COLL	8	21	55.45	12.33	39.33	47.92	55.63	63.96	66.58
N	M	COLL	W	141	49.52	10.06	37.52	41.29	49.75	56.11	62.46
N	M	O.K.	8	23	53.05	6.94	43.25	48.47	51.67	56.75	63.67
N	M	O.K.	W	63	47.35	12.50	30.36	37.25	47.71	54.62	63.20
N	F	ELEM	8	87	53.78	11.24	39.04	47.69	53.19	60.97	66.18
N	F	ELEM	W	309	49.78	9.19	38.43	43.38	49.72	54.77	61.84
N	F	HS	3	56	53.48	10.44	40.07	47.50	52.50	60.50	66.50
N	F	HS	W	213	49.79	9.02	38.49	42.92	49.84	54.86	61.12
N	F	COLL	8	22	58.59	13.17	40.50	48.75	57.50	66.87	75.50
N	F	COLL	W	171	49.44	9.02	38.17	43.75	50.05	55.11	60.92
N	F	O.K.	8	35	54.75	11.41	39.00	48.13	54.69	63.39	67.14
N	F	O.K.	W	70	49.13	10.03	34.50	41.67	49.79	55.31	63.93
TOTAL		3519	49.90	9.79	28.55	89.55	38.15	42.34	49.93	55.42	63.31

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.O.E. father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 7, 1963

TABLE 200

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		8123213.6838	3217				
MEAN		7832968.4335	1		86818.4375	0.0000	
ERROR		290245.2504	3216	90.2224			
CUR		72.1858	1	72.1858	0.8123	0.3677	
SEX		1135.1975	1	1135.1975	12.7748	0.0004	
F.ED		484.0666	3	161.3555	1.8158	0.1421	
RAC		3153.5004	1	3153.5004	35.4874	0.0001	
ERROR		285337.1957	3210	88.8624			
CS		23.4241	1	23.4241	0.2630	0.6082	
CF		64.6658	3	21.5553	0.2421	0.8667	
CR		0.0035	1	0.0035	0.0000	0.9950	
SF		164.3566	3	54.7855	0.6152	0.6048	
SR		123.6077	1	123.6077	1.3881	0.2391	
FR		34.7270	3	11.5757	0.1300	0.9424	
ERROR		284871.2102	3198	89.0501			
CSF		346.5053	3	115.5018	1.2968	0.2738	
CSR		113.9028	1	113.9028	1.2789	0.2584	
CFR		95.3514	3	31.7838	0.3569	0.7839	
SFR		239.3705	3	79.7902	0.8959	0.4425	
ERROR		284029.2863	3188	89.0653			
CSFR		305.6977	3	101.8992	1.1442	0.3298	
ERROR		283723.5886	3185	89.0533			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELF elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

BEO SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 9, 1965

TABLE 201

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	
TOTAL		9005599.7954	3541			
MEAN		8685570.1740	1		96102.3125	0.0000
ERROR		320029.6214	3540	90.3783		
CUR		56.6667	1	56.6667	0.6449	0.4222
SEX		619.1303	1	619.1303	7.0462	0.0080
F.ED		930.5596	3	310.1865	3.5302	0.0144
RACE		7773.8047	1	7773.8047	88.4723	0.0000
ERROR		310610.2376	3534	87.8671		
CS		239.8715	1	239.8715	2.7305	0.0986
CF		202.6453	3	67.5484	0.7689	0.5112
CR		494.8883	1	494.8883	5.6333	0.0179
SF		61.5307	3	20.5102	0.2335	0.8730
SR		105.9278	1	105.9278	1.2058	0.2723
FR		39.1634	3	13.0545	0.1486	0.9307
ERROR		309496.0393	3522	87.8502		
CSF		180.7841	3	60.2614	0.6860	0.5603
CSR		407.2088	1	407.2088	4.6355	0.0316
CFR		199.9888	3	66.6629	0.7589	0.5170
SFR		92.9960	3	30.9987	0.3529	0.7868
ERROR		308599.5559	3512	87.8450		
CSFR		534.8631	3	178.2877	2.0314	0.1074
ERROR		308064.6925	3509	87.7677		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 11, 1967

TABLE 202

***** ANALYSIS OF VARIANCE TABLE *****				*****	
DEPENDENT VARIABLE	1				
SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9099472.8442	3518			
MEAN	8762567.7073	1	8762567.7073	91499.6250	0.0000
ERROR	336905.1370	3517	95.7661		
CUR	243.0626	1	243.0626	2.6331	0.1051
SEX	523.5804	1	523.5804	5.6719	0.0173
F.ED	734.7776	3	244.9259	2.6532	0.0471
RACE	10085.8578	1	10085.8578	109.2586	0.0000
ERROR	324198.8312	3511	92.3118		
CS	633.3218	1	638.3218	6.9478	0.0086
CF	454.7377	3	151.5792	1.6499	0.1758
CR	663.5218	1	663.5218	7.2221	0.0074
SF	295.4555	3	98.4852	1.0720	0.3597
SR	386.6965	1	386.6965	4.2090	0.0404
FR	161.2023	3	53.7341	0.5849	0.6249
ERROR	321556.8297	3499	91.8734		
CSF	77.0797	3	25.6932	0.2796	0.8399
CSR	0.1187	1	0.1187	0.0013	0.9713
CFR	33.6992	3	11.2331	0.1222	0.9469
SFR	647.9738	3	215.9913	2.3502	0.0706
ERROR	320736.2825	3489	91.9015		
CSFR	564.4572	3	188.1524	2.0492	0.1049
ERROR	320171.8253	3486	91.8187		

KEY:
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 203

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), O UKDER TREND

CLASSIFICATION		N	MEAN	S.O.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1575	49.21	7.35	30.50	73.60	39.72	44.03	48.88	54.38	58.75
NON-ACADEMIC		1437	49.89	7.82	31.47	77.26	39.89	44.23	49.72	55.03	60.14
MALES		1401	50.05	7.76	31.47	77.26	40.14	44.43	49.67	55.41	60.27
FEMALES		1611	49.08	7.40	30.50	73.83	39.52	43.87	48.95	54.06	58.74
ELEM F.E.D.		862	49.76	7.93	31.57	76.85	39.64	43.76	49.35	55.32	60.21
HS F.E.D.		820	49.88	7.48	32.54	77.26	40.17	44.68	49.74	54.60	59.44
COLL F.E.O.		1115	49.15	7.31	30.50	73.81	39.81	44.05	48.83	54.13	58.80
D.K.F.E.O.		215	49.33	7.92	31.47	71.33	38.91	43.59	49.65	55.01	59.84
BLACK		329	53.44	8.82	31.67	76.85	41.36	47.53	53.71	59.43	64.03
WHITE		2683	49.06	7.28	30.50	77.26	39.64	43.90	48.82	54.04	58.63
NOT IN SAMPLE		750	48.98	8.16	29.53	73.50	38.84	43.38	48.54	54.44	60.15

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	11	54.96	8.50	40.65	65.15	42.15	48.75	57.00	61.87	64.35
A	M ELEM W	140	49.76	7.17	33.69	67.63	41.18	44.17	48.92	55.05	59.17
A	M HS B	18	53.26	8.83	37.76	72.62	44.70	47.63	51.50	57.75	65.10
A	M HS W	201	50.10	7.51	32.64	68.52	40.09	44.52	50.09	55.83	59.82
A	M COLL B	17	51.96	10.25	31.67	65.95	35.55	47.25	54.38	59.25	62.40
A	M COLL W	367	49.62	7.13	34.64	67.64	40.36	44.52	49.28	54.56	58.93
A	M D.K. B	4	48.82	5.97	40.41	53.99	*	*	*	*	*
A	M D.K. W	17	48.11	5.90	39.86	61.19	40.05	44.75	48.00	52.12	56.40
A	F ELEM B	23	50.87	8.74	35.77	72.13	40.72	43.31	51.38	56.85	60.60
A	F ELEM W	116	49.20	7.99	32.56	65.15	38.10	44.00	48.97	55.17	58.80
A	F HS B	18	50.92	10.72	33.77	69.17	36.90	42.00	52.50	58.00	65.10
A	F HS W	169	48.58	6.34	32.60	65.67	39.68	44.25	48.62	52.89	56.83
A	F COLL B	8	52.82	5.87	43.84	59.73	44.70	46.50	54.00	55.50	59.73
A	F COLL W	423	47.89	7.07	30.50	73.60	38.94	43.03	47.63	52.36	57.27
A	F D.K. B	9	53.02	7.89	41.80	62.40	41.85	47.25	54.00	60.75	62.40
A	F D.K. W	34	48.06	7.24	34.84	63.31	38.55	43.00	47.50	53.00	59.10
M	M ELEM B	41	55.38	7.93	39.54	76.85	45.15	49.61	54.60	60.96	65.17
M	M ELEM W	194	49.24	8.23	33.47	73.34	38.73	43.02	48.66	55.27	60.01
M	M HS B	34	55.60	8.88	40.57	76.66	44.90	50.25	55.50	59.62	68.40
M	M HS W	151	49.40	7.63	32.54	77.26	39.52	44.19	49.09	53.20	59.74
M	M COLL B	16	54.51	8.28	34.55	68.34	44.40	49.50	55.50	60.00	63.60
M	M COLL W	121	49.67	7.21	31.47	69.29	40.89	44.25	49.26	54.80	59.59
M	M D.K. B	13	52.95	7.40	37.97	61.32	39.45	48.38	54.75	58.25	60.20
M	M D.K. W	5	47.75	8.66	31.47	66.89	37.10	41.25	47.79	53.50	59.55
N	N F ELEM B	59	52.36	9.08	32.64	73.83	40.84	44.55	52.29	59.25	62.76
N	N F ELEM W	278	48.67	7.21	31.57	68.68	39.16	43.19	48.57	53.64	58.37
N	N F HS B	33	53.86	7.84	37.91	72.23	41.40	50.25	53.14	57.56	63.60
N	N F HS W	196	49.09	6.76	32.54	70.13	40.71	44.36	49.06	52.67	58.16
N	N F COLL B	7	58.37	14.35	38.21	73.81	38.55	40.13	60.75	68.25	73.81
N	N F COLL W	156	49.58	6.84	33.41	66.40	40.64	45.07	49.60	54.44	58.63
N	N F D.K. B	18	53.05	9.50	32.64	71.33	42.90	46.00	53.50	60.75	63.70
N	N F D.K. W	64	49.45	7.40	32.66	67.41	40.65	44.25	50.40	54.95	58.35
TOTAL		3012	49.54	7.58	30.50	77.26	39.80	44.11	49.28	54.68	59.57

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

N column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 204

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 1ST ORDER TRENDS

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1575	-0.02	7.45	-29.70	30.22	-9.47	-5.07	-0.24	4.92	9.53
NON-ACADEMIC		1437	0.50	7.87	-25.58	28.60	-9.37	-4.78	0.48	5.61	10.48
MALES		1401	0.10	7.85	-29.70	28.60	-9.56	-5.11	-0.17	5.19	10.28
FEMALES		1611	0.34	7.49	-21.90	30.22	-9.28	-4.82	0.35	5.32	9.80
ELEM F.ED.		862	0.94	8.21	-29.70	30.22	-9.24	-4.56	0.73	6.32	11.45
HS F.ED.		820	0.24	7.75	-28.07	25.89	-9.82	-4.81	0.35	5.35	9.72
COLL F.ED.		1115	-0.19	7.10	-21.47	26.76	-9.14	-5.26	-0.42	4.69	9.10
D.K.F.ED.		215	-0.49	7.61	-21.90	24.92	-10.43	-5.09	-0.52	4.76	8.43
BLACK		329	1.87	8.91	-25.58	28.60	-9.51	-3.98	1.96	7.69	13.38
WHITE		2683	0.03	7.47	-29.70	30.22	-9.41	-5.04	-0.06	4.99	9.57
NOT IN SAMPLE		750	-0.34	7.95	-27.43	31.23	-10.83	-5.65	-0.31	5.00	9.78

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	8	11	6.55	12.41	-7.08	-5.93	-4.83	1.00	15.98	22.45
A	M	ELEM	W	140	0.65	8.16	-29.70	-8.89	-4.57	0.11	5.50	11.67
A	M	HS	8	18	1.77	8.48	-15.52	-12.40	0.50	4.50	7.00	12.20
A	M	HS	W	201	0.14	7.94	-28.07	-9.80	-4.91	0.28	4.97	10.42
A	M	COLL	8	17	-1.19	7.31	-16.50	-14.60	-5.50	0.50	4.50	6.60
A	M	COLL	W	367	0.25	6.97	-21.26	-8.87	-4.73	-0.31	5.26	9.59
A	M	D.K.	8	4	-5.46	7.03	-15.73	*	*	*	*	*
A	M	D.K.	W	17	-0.72	5.34	-13.25	-5.53	-3.90	-2.20	3.50	8.30
A	F	ELEM	8	23	-0.26	8.23	-16.94	-11.80	-4.50	1.67	6.25	10.70
A	F	ELEM	W	116	1.41	8.22	-21.04	-8.70	-4.50	1.56	6.89	12.11
A	F	HS	8	18	-0.83	8.91	-19.63	-12.40	-6.50	-0.80	4.75	12.40
A	F	HS	W	169	-0.26	7.30	-19.21	-10.04	-4.63	-0.37	4.82	8.62
A	F	COLL	8	8	1.05	12.50	-18.56	-15.71	-8.00	-0.00	8.00	17.71
A	F	COLL	W	423	-0.73	6.64	-21.26	-9.21	-5.53	-0.91	3.89	7.68
A	F	D.K.	8	9	-0.45	7.50	-8.49	-8.49	-7.75	-1.00	5.75	10.20
A	F	D.K.	W	34	-2.50	8.50	-20.83	-13.60	-8.50	-2.50	3.25	7.20
N	M	ELEM	8	41	2.06	9.82	-16.50	-9.45	-5.50	1.25	9.37	13.95
N	M	ELEM	W	194	-0.84	8.07	-23.74	-10.24	-5.93	-0.78	3.68	9.90
N	M	HS	8	34	2.45	9.95	-25.58	-9.30	-3.67	3.00	9.50	15.00
N	M	HS	W	151	-0.84	7.31	-18.77	-10.54	-6.04	-0.92	4.62	7.68
N	M	COLL	8	16	2.60	9.18	-6.22	-6.22	-5.00	-0.00	7.00	13.40
N	M	COLL	W	121	-0.02	7.86	-21.47	-9.63	-5.07	-0.25	5.55	10.38
N	M	D.K.	8	13	2.70	6.10	-8.28	-5.40	-1.50	3.50	7.50	9.70
N	M	D.K.	W	56	-1.19	8.45	-18.99	-11.60	-6.67	-2.00	4.50	8.40
N	F	ELEM	8	59	3.25	7.74	-14.67	-8.10	-1.50	3.80	8.93	13.40
N	F	ELEM	W	278	1.36	7.74	-18.00	-6.78	-4.06	1.40	6.68	10.96
N	F	HS	8	33	2.16	9.98	-17.15	-9.40	-3.90	0.33	7.50	18.70
N	F	HS	W	196	0.87	7.14	-16.94	-8.40	-4.11	1.04	5.79	9.57
N	F	COLL	8	7	1.11	10.27	-14.02	-14.02	-6.50	4.50	8.50	14.42
N	F	COLL	W	156	-0.22	7.27	-18.77	-4.20	-2.33	3.00	7.50	11.20
N	F	D.K.	8	18	3.10	5.72	-5.03	-4.20	-2.33	3.00	7.50	11.20
N	F	D.K.	W	64	-0.11	7.32	-21.90	-9.87	-3.33	0.50	4.75	7.31
TOTAL		3012	0.23	7.66	-29.70	30.22	-9.42	-4.95	0.11	5.26	10.00	

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education
CR curriculum-race
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum")
N column) non-academic
NDF number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 205

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1						
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	7563854.0637	3011				A academic
MEAN	7390643.7079	1	7390643.7079	128475.1250	0.0000	B black
ERROR	173210.3558	3010	57.5259			BEQ Background and Experience Questionnaire
CUR	110.5241	1	110.5241	1.9929	0.1583	COLL college
SEX	702.7711	1	702.7711	12.6721	0.0005	CF curriculum-father's
F.ED	140.3948	3	46.7983	0.8439	0.4697	education interaction
RACE	5268.9552	1	5268.9552	95.0080	0.0000	CR curriculum-race
ERROR	166651.3018	3004	55.4580			interaction
CS	159.0312	1	159.0312	2.8723	0.0903	CS curriculum-sex
CF	229.6581	3	76.5527	1.3826	0.2462	interaction
CR	259.3312	1	259.3312	4.6838	0.0306	CUR curriculum
SF	212.5203	3	70.9734	1.2818	0.2789	D.K. respondent did not know
SR	66.3001	1	66.3001	1.1974	0.2741	ELEM elementary school
FR	12.2856	3	4.0952	0.0740	0.9741	F female
ERROR	165716.3547	2992	55.3680			F.ED father's education
CSF	63.1232	3	21.0411	0.3796	0.7676	HS high school
CSR	1.1448	1	1.1448	0.0207	0.8858	M male
CFR	32.0340	3	10.6780	0.1927	0.9013	MAX maximum
SFR	247.3978	3	82.4659	1.4879	0.2158	MIN minimum
ERROR	165325.7474	2982	55.4227			N (when in "curriculum" column) non-academic
CSFR	66.7626	3	22.2542	0.4013	0.7520	N number of cases
ERROR	165258.9848	2979	55.4560			NDF number of degrees of freedom

SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 206

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL		176819.7569	3011			
MEAN		159.0717	1	159.0717	2.7112	0.0999
ERROR		176660.6852	3010	58.6718		
CUR		29.8799	1	29.8799	0.5132	0.4740
SEX		37.4256	1	37.4256	0.6428	0.4230
F-ED		554.8240	3	184.9413	3.1762	0.0233
RACE		833.9070	1	833.9070	14.3216	0.0003
ERROR		174972.5647	3004	58.2272		
CS		394.8626	1	394.8626	6.8136	0.0091
CF		228.1581	3	76.0527	1.3123	0.2686
CR		245.2179	1	245.2179	4.2314	0.0397
SF		277.9883	3	92.6628	1.5989	0.1876
SR		129.7853	1	129.7853	2.2395	0.1347
FR		44.7717	3	14.9239	0.2575	0.8560
ERROR		173451.5443	2992	57.9524		
CSF		85.4171	3	28.4724	0.4905	0.6887
CSR		7.8712	1	7.8712	0.1356	0.7128
CFR		43.4218	3	14.4739	0.2493	0.8616
SFR		183.0851	3	61.0284	1.0513	0.3686
ERROR		173160.1212	2982	58.0490		
CSFR		347.9616	3	115.9872	2.0001	0.1119
ERROR		172812.1596	2979	57.9907		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's
 education interaction
 CR curriculum-race
 interaction
 CS curriculum-sex
 interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum"
 column) non-academic
 number of cases
 NDF number of degrees of
 freedom
 SCAT School and College
 Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of
 Educational Progress
 TGI Test of General
 Information
 W white
 * no valid statistic
 (N < 5)

TABLE 207

BEO SCALE 4 (BREADTH OF READING), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	53.49	9.83	34.64	84.93	40.17	45.99	54.04	60.40	66.47
NON-ACADEMIC		1546	47.62	9.12	34.64	81.34	37.75	40.27	46.18	54.49	61.26
MALES		1507	50.82	9.71	34.64	81.34	38.75	42.38	51.18	57.00	64.98
FEMALES		1711	50.54	10.14	34.64	84.93	38.40	41.78	50.66	57.13	64.89
ELEM F.E.D.		928	47.47	8.81	34.64	84.93	37.94	40.41	45.95	54.07	59.77
HS F.E.D.		844	50.13	9.91	34.64	84.93	38.39	41.78	49.92	56.60	64.92
COLL F.E.D.		1129	54.25	9.90	34.64	81.34	40.41	47.05	54.77	61.55	66.86
D.K. F.E.D.		317	48.74	9.29	34.64	81.34	37.68	40.85	48.94	55.51	61.26
BLACK		368	48.19	9.65	34.64	84.93	37.59	40.29	47.40	54.96	62.07
WHITE		2850	50.99	9.93	34.64	81.34	38.72	42.36	51.45	57.29	65.13
NOT IN SAMPLE		3703	49.42	10.02	34.64	81.34	37.90	40.94	48.42	56.26	64.31

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.E.D RACE							10	25	50	75	90
A M	ELEM B	12	44.52	7.36	34.64	56.19	37.67	39.17	41.67	52.50	55.50
A M	ELEM W	149	50.36	8.91	34.64	81.34	38.96	43.15	51.37	55.98	62.00
A M	HS B	18	49.01	11.62	34.64	70.56	35.50	39.00	47.50	56.88	68.00
A M	HS W	210	52.55	9.57	34.64	81.34	40.14	44.92	52.61	59.53	65.94
A M	COLL B	17	54.29	8.14	41.83	70.56	43.67	48.13	55.00	60.42	65.75
A M	COLL W	370	55.56	9.39	34.64	81.34	42.36	49.00	55.46	63.20	67.28
A M	D.K. B	9	48.21	8.57	38.23	66.97	39.00	41.25	46.25	54.37	63.00
A M	D.K. W	34	54.19	8.89	38.23	74.15	40.33	49.00	55.28	60.71	65.75
A F	ELEM B	24	53.20	10.08	41.83	84.93	41.83	47.50	53.21	57.50	66.50
A F	ELEM W	138	49.63	9.11	34.64	77.74	38.26	42.40	49.88	56.29	62.60
A F	HS B	18	51.00	12.70	34.64	84.93	37.00	41.67	52.50	57.00	68.50
A F	HS W	176	52.70	9.76	34.64	77.74	39.92	45.09	53.17	59.29	65.98
A F	COLL B	9	53.80	11.64	34.64	74.15	37.00	48.75	55.00	61.25	73.00
A F	COLL W	427	55.65	9.92	34.64	81.34	41.53	49.45	55.80	62.44	67.82
A F	D.K. B	10	57.99	9.75	49.01	81.34	50.00	53.00	55.50	60.00	67.50
A F	D.K. W	51	50.63	9.23	34.64	77.74	38.91	42.39	51.43	56.83	61.71
N M	ELEM B	41	46.64	7.85	34.64	70.56	38.47	40.39	45.42	51.37	56.40
N M	ELEM W	212	46.27	8.21	34.64	77.74	37.72	39.86	44.13	52.12	56.88
N M	HS B	34	48.69	10.84	34.64	70.56	35.33	39.58	46.07	56.00	65.75
N M	HS W	158	47.96	9.12	34.64	74.15	38.21	40.68	46.90	54.93	61.93
N M	COLL B	16	52.60	6.29	41.83	66.97	45.50	49.50	53.50	57.50	61.50
N M	COLL W	126	49.98	9.22	34.64	74.15	38.46	42.40	50.83	56.75	62.72
N M	D.K. B	28	47.47	8.60	34.64	63.38	35.30	39.50	49.17	55.28	58.00
N M	D.K. W	73	47.34	9.41	34.64	77.74	35.82	39.63	47.22	54.61	60.33
N F	ELEM B	61	44.71	8.34	34.64	70.56	36.31	39.01	42.19	49.84	57.40
N F	ELEM W	291	46.20	8.50	34.64	81.34	37.79	39.85	44.03	52.26	59.03
N F	HS B	33	46.18	8.55	34.64	74.15	37.63	39.69	44.00	51.46	57.12
N F	HS W	197	47.92	9.54	34.64	77.74	37.42	40.26	46.75	55.03	63.37
N F	COLL B	7	46.96	12.07	34.64	70.56	36.00	38.75	41.67	53.75	69.00
N F	COLL W	157	51.25	10.23	34.64	81.34	38.54	41.72	52.36	58.42	65.32
N F	D.K. B	31	44.61	7.63	34.64	66.97	36.38	39.06	42.29	49.75	55.67
N F	D.K. W	81	47.40	8.59	34.64	77.74	37.76	40.65	46.96	54.01	57.21
TOTAL		3713	50.07	9.94	34.64	84.93	38.56	42.05	50.47	57.07	64.93

KEY

A academic

B black

BRQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.E.D father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 208

BEQ SCALE 4 (BREADTH OF READING), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
A	ACADEMIC	177	55.47	9.55	32.84	80.64	43.30	48.01	55.30	62.80	67.14
B	NON-ACADEMIC	1759	47.35	8.60	32.84	80.64	36.57	41.80	46.24	53.52	58.99
C	MALES	1653	51.35	10.11	32.84	80.64	38.33	44.00	50.78	57.74	65.49
D	FEMALES	1900	51.49	9.83	32.84	80.64	39.11	44.31	51.46	57.46	65.23
E	ELEM F.ED.	981	48.40	8.72	32.84	77.22	37.63	42.98	47.10	54.56	60.46
F	HS F.ED.	933	50.49	9.62	32.14	80.64	37.70	43.78	49.92	56.79	64.24
G	COLL F.ED.	1219	55.66	9.78	32.84	80.64	42.98	47.97	55.48	63.28	67.46
H	D.K.F.ED.	400	48.12	9.61	32.84	77.22	36.20	41.40	46.49	54.44	62.50
I	BLACK	564	48.03	8.96	32.84	80.64	37.28	42.32	46.54	53.94	60.93
J	WHITE	2569	52.07	10.31	32.84	80.64	39.22	44.62	52.39	58.72	65.73
K	NOT IN SAMPLE	4780	48.45	9.70	32.84	80.64	36.30	42.52	47.28	55.56	63.48

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
L	A M FLEM B	17	46.50	8.01	36.25	66.98	38.20	40.75	45.00	50.42	55.75
M	A M ELEM W	151	52.18	9.15	32.84	77.22	41.00	45.52	51.90	57.39	65.28
N	A M HS B	40	49.85	12.60	32.84	80.64	35.50	41.67	46.39	56.00	67.50
O	A M HS W	219	54.03	9.17	32.84	73.81	42.46	47.46	54.35	60.76	65.90
P	A M COLL B	20	50.76	7.66	36.25	66.98	42.50	45.00	49.50	55.00	62.50
Q	A M COLL W	394	58.15	9.24	32.84	80.64	45.05	52.73	57.93	64.82	68.87
R	A M D.K. B	15	49.46	7.17	36.25	63.57	42.81	44.22	46.56	53.75	61.25
S	A M D.K. W	36	55.88	9.70	36.25	73.81	43.64	47.50	55.23	62.50	69.50
T	A F ELEM B	36	52.09	7.58	36.25	70.40	43.50	46.88	51.50	57.50	63.17
U	A F ELEM W	126	53.46	8.32	32.84	77.22	43.04	46.98	53.93	58.18	65.44
V	A F HS B	25	52.50	10.30	32.84	73.81	40.00	45.21	53.89	57.36	66.25
W	A F HS W	180	54.54	9.41	32.84	77.22	42.63	46.18	55.13	61.69	66.17
X	A F COLL B	13	59.63	10.42	43.08	73.81	45.75	52.92	63.13	67.19	71.75
Y	A F COLL W	445	57.56	9.18	36.25	80.64	45.00	51.88	56.72	64.29	69.63
Z	A F D.K. B	13	54.11	10.54	36.25	77.22	43.00	46.25	53.75	60.42	66.00
AA	A F D.K. W	54	53.61	8.96	39.67	73.81	43.36	46.25	52.86	58.12	66.33
AB	A M ELEM B	54	46.94	7.62	36.25	73.81	37.72	42.22	46.32	51.46	56.50
AC	A M ELEM W	219	45.70	7.69	32.84	70.40	35.46	40.91	45.41	51.16	56.19
AD	A M HS B	49	46.30	9.03	32.84	80.64	35.22	40.75	45.26	52.19	56.94
AE	A M HS W	163	46.88	8.17	32.84	70.40	36.38	41.30	45.88	52.75	58.20
AF	A M COLL B	21	47.80	7.97	32.84	60.15	38.60	41.75	48.13	54.69	59.00
AG	A M COLL W	136	51.29	9.64	36.25	73.81	39.70	44.21	49.89	56.90	65.41
AH	A M D.K. B	48	44.15	7.62	32.84	70.40	34.90	38.50	43.75	47.50	55.17
AI	A M D.K. W	81	45.16	9.12	32.84	73.81	35.20	38.88	43.98	50.47	57.44
AJ	N F ELEM B	85	46.25	7.25	32.84	63.57	37.94	41.69	45.48	52.36	56.67
AK	N F ELEM W	293	46.85	8.23	32.84	77.22	36.94	41.88	45.84	53.09	57.68
AL	N F HS B	50	48.92	9.33	32.84	73.81	37.83	42.50	47.17	55.50	63.00
AM	N F HS W	211	47.39	8.29	32.84	70.40	35.90	42.87	46.92	53.64	57.16
AN	N F COLL B	20	44.62	8.40	36.25	70.40	36.25	38.93	42.50	50.00	55.83
AO	N F COLL W	170	50.98	8.82	32.84	73.81	39.89	44.19	50.98	56.83	64.17
AP	N F D.K. B	62	46.65	7.84	32.84	66.98	36.93	41.04	45.83	50.89	58.83
AQ	N F D.K. W	91	46.45	9.41	32.84	66.98	34.89	38.84	45.48	54.25	59.75

TOTAL		3733	51.43	9.96	32.84	80.64	38.75	44.16	51.14	57.50	65.36

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (.1 < 5)

8EQ SCALE 4 (8 READING OF READING), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1790	54.86	9.43	30.72	76.96	42.40	46.80	54.70	61.87	66.73
NON-ACADEMIC		1722	46.36	8.59	30.72	76.96	34.38	39.16	45.17	52.01	56.92
MALES		1641	49.70	10.01	30.72	76.96	35.55	42.18	47.88	56.12	63.88
FEMALES		1871	51.56	9.88	30.72	76.96	37.38	43.79	50.93	57.39	65.16
ELEM F.ED.		1053	47.52	8.94	30.72	76.96	34.88	40.39	45.94	53.61	58.77
HS F.ED.		961	50.02	9.69	30.72	76.96	36.17	42.70	48.50	56.36	63.66
COLL F.ED.		1236	54.82	9.58	30.72	76.96	41.63	46.82	54.57	61.92	66.89
D.K. F.ED.		262	45.44	9.79	30.72	70.35	33.38	38.24	45.08	52.03	60.38
BLACK		513	48.20	9.30	30.72	76.96	35.25	41.57	46.58	53.75	61.20
WHITE		2999	51.12	10.03	30.72	76.96	36.64	43.31	50.45	57.18	64.93
NOT IN SAMPLE		3354	49.28	9.97	30.72	76.96	35.00	41.56	47.31	55.91	63.63
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	49.25	6.72	40.63	63.75	42.90	44.25	46.50	53.75	60.50
A	M	161	50.19	9.30	30.72	76.96	36.65	43.57	48.16	55.54	63.62
A	M	30	50.52	9.97	34.02	70.35	36.25	41.00	52.50	58.12	64.17
A	M	228	52.88	9.34	30.72	76.96	39.70	45.17	52.69	58.64	65.57
A	M	20	52.19	7.61	40.63	67.05	42.50	44.64	50.00	57.50	62.50
A	M	398	56.14	9.11	30.72	76.96	43.42	48.84	55.77	63.16	66.94
A	M	6	44.46	7.65	30.72	50.54	30.72	40.00	45.00	48.75	50.54
A	M	23	52.02	10.19	30.72	70.35	32.50	45.83	53.33	57.50	65.00
A	F	37	52.59	8.47	34.02	70.35	40.20	45.21	52.75	57.37	64.42
A	F	146	53.39	9.02	30.72	70.35	39.75	45.87	54.10	58.68	64.68
A	F	27	51.76	11.81	30.72	73.66	36.00	43.75	50.00	59.58	68.25
A	F	187	55.25	8.88	34.02	70.35	43.06	47.31	55.42	62.16	66.37
A	F	15	59.34	10.49	40.63	73.66	45.00	51.88	56.00	68.75	73.66
A	F	448	57.83	8.83	34.02	76.96	44.88	51.35	56.92	64.47	69.28
A	F	11	58.79	11.27	37.32	70.35	38.00	51.25	61.67	66.25	69.75
A	F	38	54.04	8.74	30.72	70.35	42.94	46.11	54.37	60.00	64.00
A	M	55	45.03	7.74	30.72	63.75	33.64	37.39	44.87	49.12	54.37
N	M	240	43.45	7.47	30.72	63.75	33.39	36.61	42.86	47.14	54.29
N	M	50	47.71	10.74	30.72	76.96	34.32	37.92	45.68	53.75	62.50
N	M	171	45.17	8.24	30.72	67.05	34.02	38.27	44.09	49.63	56.68
N	M	21	47.39	8.52	30.72	60.44	35.25	41.25	48.00	53.25	56.40
N	M	141	48.64	9.06	30.72	73.66	36.20	40.95	47.24	54.91	57.49
N	M	23	43.07	6.92	30.72	53.84	33.80	37.25	43.89	47.08	52.00
N	M	59	41.80	8.63	30.72	63.75	31.19	34.38	39.69	46.44	52.75
N	F	87	45.90	7.50	30.72	70.35	34.88	40.10	45.00	49.90	55.65
N	F	309	46.71	8.41	30.72	70.35	34.84	39.75	45.38	52.01	56.89
N	F	56	46.82	7.53	30.72	67.05	34.80	42.75	46.25	52.50	56.32
N	F	212	47.33	8.50	30.72	67.05	35.04	40.29	45.89	53.09	58.25
N	F	22	50.54	8.89	37.32	67.05	37.83	43.33	49.64	55.00	63.83
N	F	171	50.34	8.68	30.72	73.66	37.87	43.84	49.69	55.68	61.55
N	F	35	44.59	7.96	30.72	70.35	33.75	38.13	44.44	49.31	52.22
N	F	70	44.90	8.31	30.72	70.35	33.86	38.33	43.69	48.33	55.00
TOTAL		3512	50.69	9.05	30.72	76.96	36.37	43.09	49.58	56.82	64.52

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 210

BEQ SCALE 4 (BREADTH OF READING), GRADE 7, 1963

***** ANALYSIS OF VARIANCE TABLE *****						
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
1						
TOTAL		8579518.0713	3217			
MEAN		8262047.6929	1	8262047.6929	83615.8125	0.0000
ERROR		317870.3784	3216	98.8096		
CUR		14243.5834	1	14243.5834	164.7435	0.0000
SEX		0.9578	1	0.9578	0.0111	0.9162
F.ED		11772.9965	3	3924.3322	45.3895	0.0000
RACE		187.6003	1	187.6003	2.1698	0.1410
ERROR		277620.1839	3210	86.4591		
CS		4.9196	1	4.9196	0.0567	0.8118
CF		138.8312	3	46.2771	0.5337	0.6588
CR		1.0856	1	1.0856	0.0125	0.9110
SF		61.0735	3	20.3578	0.2348	0.8723
SR		0.3359	1	0.3359	0.0039	0.9504
FR		34.8154	3	11.6051	0.1338	0.9399
ERROR		277360.9898	3198	86.7024		
CSF		63.9794	3	21.3265	0.2468	0.8636
CSR		1314.7762	1	1314.7762	15.2165	0.0001
CFR		144.6735	3	48.2245	0.5581	0.6426
SFR		451.6356	3	150.5452	1.7423	0.1562
ERROR		275543.5605	3188	86.4044		
CSFR		310.7859	3	103.5953	1.1992	0.3085
ERROR		275232.7740	3185	86.3882		

BEQ SCALE 4 (BREADTH OF READING), GRADE 9, 1965

TABLE 211

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		9693877.6008	3532				
MEAN		9343673.4639	1	9343673.4639	94236.0000	9.0000	
ERROR		350204.1369	3531	99.1518			
CUR		34395.3432	1	34395.3432	437.3833	0.0000	
SEX		294.5397	1	294.5397	3.7455	0.0532	
F.ED		12163.4039	3	4054.4680	51.5580	0.0000	
RACE		784.6016	1	784.6016	9.9773	0.0016	
ERROR		277280.6009	3525	78.6389			
CS		10.4300	1	10.4300	0.1332	0.7152	
CF		286.7364	3	95.5788	1.2206	0.3006	
CR		492.2627	1	492.2627	6.2864	0.0123	
SF		272.8096	3	90.9365	1.1613	0.3231	
SR		261.4691	1	261.4691	3.3391	0.0678	
FR		505.4102	3	168.8034	2.1557	0.0912	
ERROR		275165.3762	3513	78.3055			
CSF		235.7984	3	78.5995	1.0055	0.3893	
CSR		608.7978	1	608.7978	7.7879	0.0055	
CFR		391.4391	3	130.4797	1.6691	0.1715	
SFR		129.8916	3	43.2972	0.5539	0.6453	
ERROR		273916.8129	3503	78.1726			
CSFR		418.3737	3	139.4579	1.7852	0.1478	
ERROR		273498.4393	3500	78.1201			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 F.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 212

REQ SCALE 4 (BREADTH OF READING), GRADE 11, 1967

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1					1	2
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	9374268.4705	3511				A academic
MEAN	9024643.4115	1	9024643.4115	90627.0625	0.0000	B black
ERROR	349625.0589	3510	99.5799			BEQ Background and Experience Questionnaire
CUR	40578.8894	1	40578.8894	530.7393	0.0000	COLL college
SEX	4668.6980	1	4668.6980	61.0628	0.0000	CF curriculum-father's
F.ED	13071.1142	3	4357.0381	56.9866	0.0000	education interaction
RACE	44.1531	1	44.1531	0.5775	0.4474	CR curriculum-race
ERROR	267982.6308	3504	76.4573			interaction
CS	44.4732	1	44.4732	0.5822	0.4456	CS curriculum-sex
CF	411.6880	3	137.2293	1.7964	0.1457	interaction
CR	315.4782	1	315.4782	4.1299	0.0424	CUR curriculum
SF	323.7549	3	107.9183	1.4127	0.2371	D.K. respondent did not know
SR	29.6682	1	29.6682	0.3884	0.5333	ELEM elementary school
FR	35.4359	3	11.8120	0.1546	0.9266	F female
ERROR	266827.6212	3492	76.3893			F.ED father's education
CSF	28.4021	3	9.4674	0.1241	0.9457	HS high school
CSR	316.3089	1	316.3089	4.1452	0.0420	M male
CFR	177.4830	3	59.1610	0.7753	0.5074	MAX maximum
SFR	443.8227	3	147.9409	1.9388	0.1212	MIN minimum
ERROR	265776.3962	3482	76.3068			N (when in "curriculum" column) non-academic
CSFR	271.6939	3	90.5646	1.1870	0.3131	N number of cases
ERROR	265504.7023	3479	76.2945			NDF number of degrees of freedom

SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 213

BEQ SCALE 4 (BREADTH OF READING), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
MARGINALS							10	25	50	75	90		
ACADEMIC		1571	54.76	7.95	33.93	77.44	44.20	49.36	54.47	60.42	65.55		
NON-ACADEMIC		1435	47.19	6.97	32.73	74.86	38.36	42.12	46.51	51.68	56.91		
MALES		1398	50.84	8.35	32.73	74.86	40.70	44.50	50.25	56.85	62.48		
FEMALES		1608	51.41	8.43	33.83	77.44	40.96	44.85	50.92	57.36	62.95		
ELEM F.ED.		862	47.87	7.20	33.83	73.00	39.37	42.61	47.04	52.14	58.08		
HS F.ED.		818	50.36	7.95	33.93	74.86	40.59	44.32	49.95	55.57	61.24		
COLL F.ED.		1114	55.02	8.04	35.13	77.44	44.26	49.49	54.95	60.67	65.91		
D.K.F.ED.		212	47.14	8.04	32.73	76.30	36.78	41.21	46.39	51.96	58.22		
BLACK		328	48.20	7.51	33.83	76.30	39.87	42.87	46.99	52.21	58.39		
WHITE		2678	51.51	8.43	32.73	77.44	40.95	45.03	51.04	57.62	63.14		
NOT IN SAMPLE		745	50.12	8.62	32.73	76.34	39.39	43.53	49.31	56.21	62.41		
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F-ED RACE							10	25	50	75	90		
A	M	ELEM	B	11	46.78	5.96	40.65	61.20	41.32	42.56	45.00	49.87	52.35
A	M	ELEM	W	140	51.08	7.42	34.93	73.00	41.65	45.94	50.47	55.50	60.83
A	M	HS	B	18	49.51	8.35	37.33	67.13	39.90	43.80	46.50	54.75	62.10
A	M	HS	W	201	53.36	7.85	35.07	71.67	43.09	47.49	53.23	58.75	65.08
A	M	COLL	B	17	52.10	7.05	42.97	65.80	43.05	46.75	51.00	55.25	63.45
A	M	COLL	W	366	56.46	7.53	37.21	73.97	46.57	51.11	56.82	61.82	66.36
A	M	D.K.	B	4	42.70	5.33	35.07	46.44	*	*	*	*	*
A	M	D.K.	W	17	53.49	5.92	42.99	65.77	45.60	50.44	53.40	56.62	62.40
A	F	ELEM	B	23	52.54	6.69	38.56	65.96	43.95	49.12	51.56	57.19	61.05
A	F	ELEM	W	116	52.12	7.57	34.93	71.63	42.03	46.50	51.95	57.95	62.40
A	F	HS	B	17	50.90	9.31	33.93	74.05	38.55	47.75	50.75	54.75	62.40
A	F	HS	W	169	54.24	7.47	36.13	72.87	44.36	49.34	53.80	60.02	63.52
A	F	COLL	B	8	59.89	7.56	47.16	72.77	48.90	57.00	59.50	61.50	71.10
A	F	COLL	W	422	57.05	7.75	37.27	77.44	46.41	51.42	57.03	62.49	67.21
A	F	D.K.	B	9	56.61	10.31	45.38	76.30	45.38	45.75	57.00	63.75	75.13
A	F	D.K.	W	33	53.41	7.38	41.65	72.87	44.65	47.13	52.80	57.75	61.27
N	M	ELEM	B	41	46.29	5.89	36.17	61.42	40.77	42.31	45.00	49.35	54.67
N	M	ELEM	W	194	45.19	6.07	33.93	66.03	37.23	41.20	44.58	49.02	53.70
N	M	HS	B	34	47.77	7.94	34.97	74.86	39.30	43.13	46.50	50.40	57.30
N	M	HS	W	151	46.81	6.67	33.93	64.95	37.98	42.18	46.26	50.67	56.04
N	M	COLL	B	16	49.35	6.44	35.13	60.12	42.30	45.00	49.50	54.50	57.60
N	M	COLL	W	122	50.08	7.30	36.07	69.08	40.97	45.00	49.50	55.62	59.95
N	M	D.K.	B	13	42.92	5.47	33.83	49.84	34.80	36.75	44.00	47.25	49.20
N	M	D.K.	W	53	44.33	7.32	32.73	63.66	34.93	37.75	43.36	49.03	54.60
N	F	ELEM	B	59	45.99	5.17	37.34	58.82	39.84	42.16	45.46	49.87	52.60
N	F	ELEM	W	278	46.62	6.82	33.83	70.65	38.02	42.00	45.91	50.74	56.14
N	F	HS	B	33	47.57	6.41	36.21	63.35	39.45	42.32	47.62	52.95	56.20
N	F	HS	W	195	47.60	6.86	33.93	67.00	38.87	42.25	47.04	52.15	56.77
N	F	COLL	B	7	47.54	9.43	38.35	63.83	39.60	41.15	43.00	56.25	62.40
N	F	COLL	W	156	51.03	7.17	36.11	71.57	41.49	45.71	51.00	55.50	60.15
N	F	D.K.	B	18	44.43	6.96	33.87	60.92	35.70	39.75	43.50	49.88	51.90
N	F	D.K.	W	65	45.16	6.29	36.04	61.45	37.82	39.91	43.39	50.02	54.00
TOTAL		3006	51.15	8.40	32.73	77.44	40.84	44.68	50.62	57.13	62.73		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 214

BEO SCALE 4 (BREADTH OF READING), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1571	0.96	7.21	-28.99	25.25	-8.08	-3.65	0.85	5.54	10.83
NON-ACADEMIC		1435	-0.78	7.10	-26.24	25.05	-9.64	-5.08	-0.66	3.76	8.37
MALES		1398	-0.67	6.98	-25.84	25.25	-9.37	-5.09	-0.63	3.56	8.64
FEMALES		1608	0.82	7.33	-28.99	25.25	-8.49	-3.66	0.82	5.71	10.26
ELEM F-ED.		862	-0.05	6.90	-28.99	25.25	-8.73	-4.02	-0.17	4.31	9.28
HS F-ED.		818	0.08	7.60	-26.24	25.25	-9.62	-4.76	0.29	5.26	9.96
COLL F-ED.		1114	0.45	7.23	-23.91	25.05	-8.64	-4.27	0.50	4.99	9.95
D.K.F-ED.		212	-0.65	6.69	-20.55	20.38	-8.85	-4.63	-0.91	2.87	7.96
BLACK		328	0.03	7.61	-28.99	22.51	-9.28	-4.54	0.05	5.06	9.77
WHITE		2678	0.14	7.16	-26.24	25.25	-8.96	-4.32	0.13	4.76	9.63
NOT IN SAMPLE		745	-0.25	7.31	-23.70	19.97	-9.88	-4.59	-0.15	4.63	9.65

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M	ELEM	8	11	2.35	5.42	-6.34	-0.50	2.33	6.50	9.80
A	M	ELEM	W	140	-0.17	6.83	-15.47	-3.87	-0.44	3.17	9.00
A	M	HS	8	16	0.43	9.10	-13.54	-5.50	-1.33	6.50	13.20
A	M	HS	W	201	0.35	6.62	-24.12	-3.88	0.72	4.68	9.72
A	M	COLL	8	17	1.69	4.58	-11.00	-5.75	-1.00	1.38	4.30
A	M	COLL	W	366	0.23	7.16	-23.91	-4.19	0.21	4.83	10.07
A	M	D.K.	8	4	-0.31	4.76	-5.31	*	*	*	*
A	M	D.K.	W	17	2.31	5.41	-6.53	-1.17	1.67	5.75	10.60
A	F	ELEM	8	23	-0.69	7.80	-28.99	-2.50	0.38	1.81	9.40
A	F	ELEM	W	116	2.55	7.28	-18.01	-2.18	2.46	8.57	11.77
A	F	HS	8	17	1.00	8.64	-11.82	-7.50	3.00	9.83	10.83
A	F	HS	W	169	1.80	7.92	-16.90	-3.72	1.80	6.82	12.75
A	F	COLL	8	8	7.51	10.46	-4.41	-2.00	2.00	14.00	19.50
A	F	COLL	W	422	1.50	6.99	-18.43	-3.26	1.59	5.92	10.87
A	F	D.K.	8	9	-1.31	7.23	-13.34	-5.75	-1.00	3.75	7.10
A	F	D.K.	W	33	1.48	8.81	-20.55	-2.38	1.00	8.37	12.70
N	M	ELEM	8	41	-0.88	6.11	-14.16	-4.38	-1.38	3.50	7.63
N	M	ELEM	W	194	-2.18	6.55	-25.84	-5.59	-1.83	1.62	5.80
N	M	HS	8	34	-0.27	10.20	-21.16	-8.33	1.00	6.60	11.60
N	M	HS	W	151	-2.01	7.24	-20.97	-6.95	-1.84	1.69	7.11
N	M	COLL	8	16	-3.79	4.97	-13.96	-3.21	-2.67	0.50	1.70
N	M	COLL	W	122	-0.83	6.93	-16.09	-5.64	-1.08	3.87	8.72
N	M	D.K.	8	13	-1.36	4.48	-8.46	-4.75	-1.50	2.75	4.24
N	M	D.K.	W	53	-2.85	6.45	-18.01	-7.38	-3.00	-0.28	1.67
N	F	ELEM	8	59	0.96	7.64	-16.29	-4.13	1.40	6.75	11.10
N	F	ELEM	W	278	0.29	6.50	-20.97	-3.56	-0.11	4.87	9.22
N	F	HS	8	33	0.39	7.83	-26.04	-3.17	1.75	5.75	9.70
N	F	HS	W	195	-0.18	7.46	-26.24	-4.23	0.27	5.32	8.81
N	F	COLL	8	7	0.86	8.47	-14.16	-4.50	1.50	8.50	10.22
N	F	COLL	W	156	-0.61	7.88	-21.37	-6.00	-0.00	4.18	8.88
N	F	D.K.	8	18	0.33	7.06	-12.93	-3.00	-0.40	3.50	8.40
N	F	D.K.	W	65	-0.77	5.83	-13.96	-4.50	-0.63	3.10	6.60
TOTAL		3006	0.13	7.21	-28.99	25.25	-8.99	-4.34	0.12	4.78	9.64

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 215

BEQ SCALE 4 (BREADTH OF READING), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					
DEPENDENT VARIABLE	1				
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8075223.9619	3005			
MEAN	7863431.6864	1	7863431.6864	111569.6875	0.0000
ERROR	211792.2756	3004	70.4800		
CUR	24610.8170	1	24610.8170	472.5908	0.0000
SEX	741.3007	1	741.3007	14.2349	0.0002
F.ED	11124.5396	3	3708.1799	71.2066	0.0000
RACE	180.5334	1	180.5334	3.4667	0.0628
ERROR	156176.9507	2998	52.0764		
CS	21.7384	1	21.7384	0.4178	0.5182
CF	332.7357	3	110.9119	2.1315	0.0942
CR	222.9466	1	222.9466	4.2845	0.0386
SF	53.2441	3	17.7480	0.3411	0.7954
SR	40.2332	1	40.2332	0.7732	0.3794
FR	30.0055	3	10.0018	0.1922	0.9017
ERROR	155429.2799	2986	52.0353		
CSF	8.5399	3	2.8466	0.0548	0.9832
CSR	521.8088	1	521.8088	10.0517	0.0016
CFR	162.3839	3	54.1280	1.0427	0.3725
SFR	175.0282	3	58.3427	1.1239	0.3381
ERROR	154543.0348	2976	51.9124		
CSFR	231.4721	3	77.1574	1.4870	0.2161
ERROR	154311.5627	2973	51.8869		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

BEQ SCALE 4 (BREADTH OF READING), 1ST ORDER TREND

TABLE 216

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		156156.5560	3005				
MEAN		48.8521	1	48.8521	0.9404	0.3325	
ERROR		156107.7038	3004	51.9493			
CUR		2292.3074	1	2292.3074	45.2676	0.0000	
SEX		1896.5072	1	1896.5072	37.4515	0.0000	
F.ED		66.4450	3	22.1483	0.4374	0.7263	
RACE		27.9608	1	27.9608	0.5522	0.4577	
ERROR		151866.4773	2998	50.6391			
CS		1.7474	1	1.7474	0.0344	0.8529	
CF		35.9887	3	11.9962	0.2364	0.8707	
CR		120.7049	1	120.7049	2.3789	0.1233	
SF		126.1609	3	42.0536	0.8288	0.4777	
SR		5.0217	1	5.0217	0.0990	0.7531	
FR		18.5118	3	6.1706	0.1216	0.9472	
ERROR		151562.2885	2986	50.7407			
CSF		157.0896	3	52.3632	1.0344	0.3762	
CSR		16.3106	1	16.3106	0.3222	0.5704	
CFR		165.9635	3	55.3212	1.0928	0.3508	
SFR		529.4632	3	176.4877	3.4864	0.0153	
ERROR		150700.9391	2976	50.6218			
CSFR		145.1781	3	48.3927	0.9559	0.4126	
ERROR		150555.7609	2973	50.6240			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 217

8EQ SCALE 5 (TALK WITH OTHERS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	51.14	9.53	30.81	75.83	38.86	44.87	51.77	58.04	64.26
NON-ACADEMIC		1546	49.21	10.10	30.81	75.83	35.20	42.83	49.70	56.26	62.75
MALES		1507	49.66	9.94	30.81	75.83	35.84	43.36	50.34	56.59	62.52
FEMALES		1711	50.70	9.76	30.81	75.83	38.21	44.30	51.17	57.69	64.32
ELEM F.ED.		928	49.43	9.87	30.81	75.83	36.78	43.15	49.74	56.33	63.19
HS F.ED.		844	49.99	9.99	30.81	75.83	36.50	43.49	50.48	57.02	63.48
COLL F.ED.		1129	51.56	9.35	30.81	75.83	39.42	45.51	52.31	58.23	64.23
D.K.F.ED.		317	48.30	10.61	30.81	75.83	32.30	41.16	48.98	56.06	62.59
BLACK		368	50.57	11.93	30.81	75.83	32.10	42.86	51.23	59.24	67.36
WHITE		2850	50.17	9.55	30.81	75.83	37.80	43.96	50.75	56.95	63.09
NGT IN SAMPLE		3703	49.81	10.12	30.81	75.83	35.80	43.08	50.46	57.10	63.71
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A M ELEM B		12	51.65	11.30	30.81	68.33	33.50	42.50	54.17	56.67	66.50
A M ELEM W		149	48.99	8.58	30.81	68.33	38.97	43.65	49.14	55.27	61.18
A M HS B		18	50.40	14.23	30.81	75.83	30.81	43.00	47.50	60.00	73.00
A M HS W		210	50.33	9.95	30.81	73.33	36.25	43.92	51.11	57.58	62.50
A M COLL B		17	57.00	9.49	35.81	70.83	46.00	51.25	56.88	64.69	68.25
A M COLL W		370	50.77	9.04	30.81	75.83	39.08	44.70	51.32	57.16	62.31
A M D.K. B		9	46.37	12.86	30.81	65.83	30.81	31.25	50.00	56.25	63.00
A M D.K. W		34	50.53	8.79	30.81	68.33	38.90	46.25	51.14	57.92	62.17
A F ELEM B		24	51.45	11.88	30.81	73.33	31.50	45.00	52.50	60.83	69.00
A F ELEM W		138	51.07	10.82	30.81	75.83	37.81	43.97	50.68	59.67	66.57
A F HS B		18	53.60	11.48	30.81	70.83	39.50	46.25	52.50	64.00	66.70
A F HS W		176	51.06	9.05	30.81	70.83	38.85	45.68	52.00	58.41	62.41
A F COLL B		9	54.71	13.00	30.81	68.33	32.00	52.92	56.67	64.37	68.00
A F COLL W		427	52.72	8.98	30.81	75.83	40.92	46.95	53.34	59.41	65.34
A F D.K. B		10	50.82	12.76	30.81	68.33	32.50	41.25	52.50	61.25	67.50
A F D.K. W		51	48.52	8.29	30.81	65.83	36.38	43.17	48.57	55.29	59.87
N M ELEM B		41	48.32	12.53	30.81	75.83	30.81	39.06	47.92	57.25	66.12
N M ELEM W		212	48.85	9.20	30.81	70.83	35.37	43.03	49.88	55.64	61.06
N M HS B		34	49.42	10.90	30.81	75.83	33.50	41.88	51.50	55.62	60.50
N M HS W		158	48.91	10.26	30.81	75.83	34.40	42.58	48.90	55.76	62.64
N M COLL B		126	49.99	10.40	30.81	75.83	31.50	40.00	50.83	57.50	69.50
N M COLL W		28	46.09	13.07	30.81	75.83	34.67	43.62	50.98	57.40	62.72
N M D.K. B		73	46.91	10.89	30.81	70.83	31.56	37.68	48.08	55.31	61.57
N F ELEM B		61	52.67	10.36	30.81	75.83	40.25	46.63	53.96	59.75	64.75
N F ELEM W		291	48.53	9.57	30.81	75.83	37.02	41.85	48.75	55.18	61.85
N F HS B		33	49.61	12.00	30.81	70.83	33.25	41.56	48.75	57.19	68.37
N F HS W		197	49.34	9.49	30.81	73.33	37.09	43.01	49.24	56.15	63.00
N F COLL B		7	54.75	16.65	30.81	75.83	31.00	36.25	60.00	63.75	74.00
N F COLL W		157	50.80	8.59	30.81	73.33	40.09	45.65	51.46	56.91	62.62
N F O.K. B		31	48.88	11.67	30.81	73.33	31.37	40.94	47.92	56.25	67.00
N F O.K. W		81	48.91	10.59	30.81	75.83	32.58	43.46	49.67	56.17	63.86
TOTAL		3218	50.21	9.85	30.91	75.83	37.38	43.85	50.79	57.12	63.64

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum"

column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

TABLE 218

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 9, 1962

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
KEY											
A	academic										
B	black										
BBQ	Background and Experience Questionnaire										
COLL	college										
CF	curriculum-father's education interaction										
CR	curriculum-race interaction										
CS	curriculum-sex interaction										
CUR	curriculum										
D.K.	respondent did not know										
ELEM	elementary school										
F	female										
F.ED	father's education										
HS	high school										
M	male										
MAX	maximum										
MIN	minimum										
N	(when in "curriculum" column) non-academic										
N	number of cases										
NDF	number of degrees of freedom										
SCAT	School and College Ability Tests										
S.D.	standard deviation										
STEP	Sequential Tests of Educational Progress										
TGI	Test of General Information										
W	white										
*	no valid statistic (N < 5)										
ACADEMIC		1698	52.02	9.23	25.63	77.28	40.23	46.08	51.64	57.37	65.10
NON-ACADEMIC		1637	49.21	9.87	25.63	77.28	35.04	43.26	49.51	55.21	62.61
MALES		1544	49.95	9.95	25.63	77.28	35.66	44.04	50.04	55.96	63.73
FEMALES		1791	51.25	9.35	25.63	77.28	38.12	45.33	51.02	56.71	64.43
ELEM F.ED.		926	49.78	10.12	25.63	77.28	35.37	43.46	49.68	56.09	64.08
HS F.ED.		876	50.45	9.59	25.63	77.28	36.24	44.78	50.71	56.21	63.26
COLL F.ED.		1175	51.76	9.07	25.63	77.28	40.49	45.95	51.27	56.85	64.70
D.K.F.ED.		358	49.70	10.10	25.63	77.28	34.87	43.67	50.00	55.75	64.02
BLACK		488	51.61	9.58	25.63	77.28	37.89	45.83	51.71	56.73	64.74
WHITE		2847	50.48	9.66	25.63	77.28	36.67	44.54	50.40	56.29	64.02
NOT IN SAMPLE		4408	49.52	10.23	25.63	77.28	34.86	43.32	49.61	55.67	63.91
CUR SEX F.ED RACE											
A	M	13	51.24	14.79	28.50	71.54	30.75	38.75	53.33	64.37	69.25
A	M	145	50.62	7.33	31.37	71.54	36.96	44.81	50.14	56.61	64.44
A	M	21	52.11	11.07	31.37	77.28	35.25	46.25	52.00	59.69	64.75
A	M	206	51.42	9.99	25.63	74.41	36.15	45.17	51.82	57.34	65.11
A	M	19	51.42	6.66	37.11	62.93	43.40	46.25	51.00	55.75	60.25
A	M	380	51.32	9.08	25.63	77.28	41.17	45.44	51.13	56.79	64.12
A	M	13	50.66	9.13	34.24	62.93	39.00	44.58	51.25	55.94	61.00
A	M	35	51.54	8.68	31.37	71.54	40.00	48.13	51.25	55.78	65.00
A	F	32	53.52	8.90	37.11	77.28	42.70	47.50	53.06	57.50	65.50
A	F	119	53.92	10.44	25.63	77.28	40.67	46.91	53.16	61.84	67.57
A	F	24	54.82	8.10	39.98	71.54	43.50	49.50	54.38	59.17	66.50
A	F	175	52.54	8.33	28.50	74.41	42.81	47.85	51.98	57.56	64.31
A	F	12	59.59	11.59	45.72	77.28	45.72	49.17	55.00	70.00	74.50
A	F	436	52.53	8.68	31.37	74.41	42.39	47.01	51.86	57.40	65.10
A	F	13	49.86	8.61	34.24	65.80	39.00	44.58	50.00	55.42	64.25
A	F	55	50.86	9.38	31.37	71.54	39.29	43.84	49.44	56.62	65.71
A	F	49	52.69	9.09	34.24	71.54	36.58	48.07	53.39	58.44	65.43
A	F	210	47.04	10.49	25.63	77.28	33.19	38.91	47.50	53.25	61.79
N	M	44	48.67	10.40	25.63	74.41	33.17	43.13	49.50	55.00	63.25
N	M	153	47.90	9.98	25.63	77.28	33.00	42.54	48.71	54.34	59.00
N	M	19	50.70	6.40	39.98	65.80	44.00	47.88	50.25	52.92	58.00
N	M	130	50.38	10.25	25.63	77.28	37.05	44.05	49.75	55.59	65.36
N	M	35	49.74	10.42	28.50	68.67	33.33	43.13	50.00	56.25	64.37
N	M	72	45.81	11.02	25.63	77.28	30.60	38.75	46.25	51.87	57.39
N	F	78	50.09	9.76	25.63	71.54	37.25	44.53	50.28	55.69	62.75
N	F	280	48.54	9.45	25.63	74.41	35.16	42.67	48.47	54.77	61.59
N	F	49	51.52	8.70	28.50	71.54	42.25	46.53	52.27	56.42	62.62
N	F	204	49.01	9.27	28.50	71.54	35.35	43.50	49.23	54.53	61.08
N	F	16	54.42	8.83	37.11	74.41	43.50	47.50	53.93	56.79	66.00
N	F	163	51.18	9.05	28.50	74.41	38.93	45.36	51.13	56.35	64.18
N	F	51	52.33	9.16	34.24	68.67	36.75	47.75	52.00	57.19	65.40
N	F	84	49.73	10.47	28.50	74.41	33.50	44.04	50.83	56.25	63.00
TOTAL		2332	50.65	9.65	25.63	77.28	36.81	44.71	50.53	56.37	64.14

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 219

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1759	52.21	9.43	24.34	76.34	39.44	44.51	52.83	58.95	64.53
NON-ACADEMIC		1649	48.14	9.93	24.34	76.34	35.23	40.69	47.03	55.24	60.89
MALES		1583	49.13	10.34	24.34	76.34	35.89	41.25	48.01	56.63	62.07
FEMALES		1825	51.21	9.36	24.34	76.34	38.67	43.85	51.47	57.67	62.60
ELEM F.ED.		1023	48.83	9.98	24.34	76.34	35.80	41.39	47.52	55.93	61.50
HS F.ED.		926	50.27	9.97	24.34	76.34	37.66	42.45	50.31	57.30	62.33
COLL F.ED.		1210	51.98	9.39	24.34	76.34	39.43	44.42	52.06	58.72	64.22
D.K. F.ED.		249	47.51	10.01	24.34	76.34	34.68	39.87	46.22	55.22	60.68
BLACK		474	50.67	10.36	24.34	76.34	7.60	42.58	49.91	58.09	64.31
WHITE		2934	50.17	9.80	24.34	76.34	37.59	42.80	49.80	57.13	62.21
NOT IN SAMPLE		3111	49.73	10.13	24.34	76.34	36.65	42.02	48.77	56.77	62.25
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	16	50.55	10.17	33.01	40.83	52.50	58.75	61.75
A	M	ELEM	W	160	49.53	10.16	27.23	42.05	47.92	56.76	62.50
A	M	HS	B	27	51.30	9.10	35.90	44.03	48.33	57.81	63.25
A	M	HS	W	227	51.51	10.00	24.34	38.70	43.61	51.13	58.78
A	M	COLL	B	20	54.67	10.12	38.78	40.83	45.83	54.50	62.00
A	M	COLL	W	392	51.78	9.59	24.34	39.37	44.02	51.16	58.75
A	M	D.K.	B	4	46.00	8.99	38.78	*	*	*	*
A	M	D.K.	W	19	48.27	8.39	34.09	38.40	41.25	46.88	55.31
A	F	ELEM	B	35	51.92	9.04	33.01	40.00	45.14	50.71	59.53
A	F	ELEM	W	147	52.32	9.32	27.23	39.31	44.79	53.37	57.81
A	F	HS	B	26	52.90	10.63	30.12	38.25	43.75	54.64	60.00
A	F	HS	W	184	53.06	8.76	27.23	39.98	46.07	54.20	59.26
A	F	COLL	B	13	59.45	7.06	47.45	49.00	55.63	60.00	66.25
A	F	COLL	W	441	53.85	8.75	24.34	42.36	46.21	54.29	60.04
A	F	D.K.	B	11	51.19	7.71	38.78	40.25	44.38	53.13	56.56
A	F	D.K.	W	37	48.86	8.13	27.23	38.00	41.96	49.58	55.69
N	M	ELEM	B	47	48.59	11.05	24.34	35.14	39.58	46.11	56.12
N	M	ELEM	W	229	45.00	9.74	24.34	33.11	38.15	44.22	51.35
N	M	HS	B	48	49.16	11.90	30.12	35.30	39.58	46.67	57.50
N	M	HS	W	161	47.07	10.11	24.34	33.64	39.33	47.00	54.49
N	M	COLL	B	20	51.79	10.50	33.01	37.50	43.75	52.50	59.50
N	M	COLL	W	136	47.37	9.98	24.34	34.44	39.88	46.47	54.64
N	M	D.K.	B	22	45.44	9.40	27.23	32.75	36.88	45.50	51.87
N	M	D.K.	W	55	44.77	12.03	24.34	28.33	36.09	42.29	53.54
N	F	ELEM	B	83	49.71	10.01	27.23	37.64	42.94	48.46	56.77
N	F	ELEM	W	306	49.02	9.45	27.23	36.85	42.02	47.74	55.57
N	F	HS	B	51	50.84	10.27	24.34	38.67	42.97	50.94	57.16
N	F	HS	W	202	48.51	9.36	24.34	36.14	41.64	47.86	55.49
N	F	COLL	B	19	53.80	10.30	35.90	42.00	45.25	53.13	60.62
N	F	COLL	W	169	50.19	8.10	33.01	39.07	43.64	49.00	56.04
N	F	D.K.	B	32	49.93	10.88	33.01	37.64	41.07	46.79	56.50
N	F	D.K.	W	69	47.79	9.46	30.12	35.29	40.52	45.97	55.37
TOTAL		3408	50.24	9.48	24.34	76.34	37.59	42.77	49.92	57.24	62.33

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 220

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 7, 1963

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		8426473.8357	3217				
MEAN		8114080.1695	1	8114080.1695	83557.9375	0.0000	
ERROR		312393.6662	3216	97.1072			
CUR		1622.8828	1	1622.8828	17.0493	0.0001	
SEX		1022.3947	1	1022.3947	10.7409	0.0011	
F.ED		2486.8181	3	828.9394	8.7085	0.0001	
RACE		546.3510	1	546.3510	5.7397	0.0166	
ERROR		305646.4887	3210	95.1873			
CS		52.0002	1	52.0002	0.5457	0.4602	
CF		27.5486	3	9.1829	0.0964	0.9622	
CR		17.7195	1	17.7195	0.1859	0.6663	
SF		117.8267	3	39.2756	0.4122	0.7441	
SR		208.0608	1	208.0608	2.1834	0.1397	
FR		407.5369	3	135.8456	1.4256	0.2333	
ERROR		304842.1507	3198	95.2930			
CSF		225.4543	3	75.1514	0.7877	0.5004	
CSR		50.9057	1	50.9057	0.5336	0.4653	
CFR		146.9925	3	48.9975	0.5136	0.6729	
SFR		79.4794	3	26.4931	0.2777	0.8417	
ERROR		304260.4059	3188	95.4094			
CSFR		516.1438	3	172.0479	1.8046	0.1442	
ERROR		303744.2621	3185	95.3372			

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 221

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 9, 1965

***** ANALYSIS OF VARIANCE TABLE *****					*****	
DEPENDENT VARIABLE	1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	8864786.3525	3334				A academic
MEAN	8554100.1800	1	8554100.1800	91794.6875	0.0000	B black
ERROR	310686.1726	3333	93.1873			BEQ Background and Experience Questionnaire
CUR	5571.4158	1	5571.4158	61.8011	0.0000	COLL college
SEX	1707.1320	1	1707.1320	18.9364	0.0001	CF curriculum-father's education interaction
F.ED	947.0216	3	315.6739	3.5016	0.0149	CR curriculum-race interaction
RACE	1734.4554	1	1734.4554	19.2395	0.0001	CS curriculum-sex interaction
ERROR	300021.3878	3327	90.1507			CUR curriculum
CS	11.1058	1	11.1058	.1233	0.7255	D.K. respondent did not know
CF	1047.9299	3	349.3100	3.8775	0.0089	ELEM elementary school
CR	178.5814	1	178.5814	1.9823	0.1596	F female
SF	59.5088	3	19.8363	0.2202	0.8825	F.ED father's education
SR	0.3781	1	0.3781	0.0042	0.9484	HS high school
FR	35.6065	3	11.8688	0.1318	0.9410	M male
ERROR	298724.6472	3315	90.0859			MAX maximum
CSF	629.0072	3	209.6691	2.3343	0.0720	MIN minimum
CSR	69.0872	1	69.0872	0.7692	0.3808	N (when in "curriculum" column) non-academic
CFR	382.2932	3	127.4311	1.4188	0.2353	N number of cases
SFR	704.7219	3	234.9073	2.6153	0.0496	NDF number of degrees of freedom
ERROR	296941.7535	3305	89.8191			SCAT School and College Ability Tests
CSFR	54.4605	3	18.1535	0.2020	0.8950	S.D. standard deviation
ERROR	296887.2931	3302	89.8842			STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

BEO SCALE 5 (TALK WITH OTHERS), GRADE 11, 1967

TABLE 222

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				KEY	
		1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F		
TOTAL	3935441.0735	3407				A	academic
MEAN	8602755.4246	1	8602755.4246	88099.8750	0.0000	BEQ	black
ERROR	332685.6489	3406	97.6477			Background and Experience Questionnaire	
CUR	10522.2167	1	10522.2167	115.4550	0.0000	COLL	college
SEX	4599.3483	1	4599.3483	50.4663	0.0000	OF	curriculum-father's education interaction
F+ED	3289.0404	3	1096.3468	12.0297	0.0001	CR	curriculum-race interaction
RACE	1253.7102	1	1253.7102	13.7563	0.0003	CS	curriculum-sex interaction
ERROR	309956.7815	3400	91.1370			CUR	curriculum
CS	66.2527	1	66.2527	0.7274	0.3941	D.K.	respondent did not know
CF	199.8638	3	66.6213	0.7314	0.5329	ELEM	elementary school
CR	197.2352	1	197.352	2.1654	0.1416	F	female
SF	302.3303	3	100.7768	1.1064	0.3452	F+ED	father's education
SR	18.9232	1	18.9232	0.2078	0.6487	HS	high school
FR	439.7842	3	146.5947	1.6094	0.1851	M	male
ERROR	308692.1180	3388	91.0865			MAX	maximum
CSF	54.0417	3	18.0139	0.1974	0.8983	MIN	minimum
CSR	41.2577	1	41.2577	0.4522	0.5015	N	(when in "curriculum" column) non-academic
CFR	70.5879	3	23.5292	0.2579	0.8555	N	number of cases
SFR	246.5273	3	82.1758	0.9007	0.4399	NDF	number of degrees of freedom
ERROR	308277.3756	3378	91.2333			SCAT	School and College Ability Tests
CSFR	42.2896	3	14.0965	0.1544	0.9270	S.D.	standard deviation
ERROR	308235.0860	3375	91.3019			STEP	Sequential Tests of Educational Progress
						TGI	Test of General Information
						W	white
						*	no valid statistic (N < 5)

TABLE 223

BEQ SCALE 5 (TALK WITH OTHERS), 0 ORDER TREND

CLASSIFICATION																			
MARGINALS	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90									
ACADEMIC	1496	51.88	7.15	26.93	72.90	42.47	46.90	51.89	56.77	61.26									
NON-ACADEMIC	1325	48.89	7.37	28.85	72.90	39.04	43.71	48.79	53.87	58.37									
MALES	1300	49.74	7.52	26.93	72.90	40.14	44.29	49.60	54.89	59.64									
FEMALES	1521	51.11	7.23	28.85	72.90	41.56	46.39	51.08	55.90	60.74									
ELEM F.ED.	806	49.58	7.53	28.85	71.81	39.79	44.35	49.20	54.67	60.19									
HS F.ED.	757	50.29	7.44	26.93	72.90	40.61	45.32	50.48	55.38	59.74									
COLL F.ED.	1064	51.79	7.03	30.75	72.90	42.53	46.86	51.78	56.37	60.97									
D.K.F.ED.	194	47.75	7.30	31.61	67.41	38.32	42.25	47.62	52.92	57.13									
BLACK	290	51.05	7.90	28.85	72.90	41.28	45.77	50.21	56.71	62.21									
WHITE	2531	50.41	7.34	26.93	72.90	40.85	45.23	50.51	55.29	60.05									
NOT IN SAMPLE	694	49.97	7.34	29.80	71.10	39.89	45.04	50.13	55.30	59.50									
CLASSIFICATION																			
CUR SEX F-ED RAC	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90									
A M ELEM B	10	52.63	9.45	34.50	64.51	37.50	45.75	52.50	60.75	64.50									
A M ELEM W	135	50.04	7.05	34.23	66.42	41.37	44.46	49.57	55.15	60.55									
A M HS B	14	49.37	7.84	39.7	65.59	39.74	42.75	48.50	54.00	63.30									
A M HS W	189	51.22	7.61	26.93	69.18	41.47	45.93	51.65	56.51	60.45									
A M COLL B	16	54.76	5.83	45.24	66.32	47.10	49.50	54.50	58.50	62.70									
A M COLL W	351	51.28	7.08	35.52	69.81	41.81	45.73	51.49	56.23	60.57									
A M D.K. B	2	46.67	2.02	45.24	48.10	*	*	*	*	*									
A M D.K. W	15	49.11	4.44	41.65	56.72	42.75	46.13	49.13	52.75	55.00									
A F ELEM B	20	53.35	7.23	41.64	68.94	45.00	48.50	52.50	58.50	61.50									
A F ELEM W	110	52.82	8.00	32.06	71.81	43.50	47.84	51.72	58.67	63.35									
A F HS B	15	51.34	5.65	39.96	62.34	46.71	47.68	49.29	54.37	60.00									
A F HS W	162	52.25	6.55	33.97	71.94	43.26	48.48	53.01	56.28	60.43									
A F COLL B	8	58.09	6.32	47.78	67.39	48.90	52.50	57.50	61.50	65.10									
A F COLL W	406	53.04	6.81	30.75	72.90	44.01	48.40	52.68	57.64	61.96									
A F D.K. B	9	50.44	7.25	39.02	58.63	39.02	44.25	53.25	56.62	58.63									
A F D.K. W	34	49.53	6.74	37.23	63.68	40.80	44.25	49.93	54.37	58.20									
N M ELEM B	34	50.73	7.99	35.57	68.49	40.90	45.00	49.50	56.62	62.40									
N M ELEM W	180	47.01	6.91	28.85	68.10	37.70	42.13	47.32	52.60	55.21									
N M HS B	29	49.77	9.02	36.06	72.90	40.95	43.13	47.25	56.06	64.80									
N M HS W	136	48.23	7.35	29.80	67.13	37.98	42.62	48.33	52.96	58.06									
N M COLL B	14	50.82	7.86	40.93	67.01	42.60	45.75	48.30	57.00	63.30									
N M COLL W	115	49.41	7.74	31.74	70.97	39.00	44.05	48.97	54.03	58.29									
N M D.K. B	12	44.08	7.23	32.30	54.72	33.30	39.00	42.50	50.50	52.30									
N M D.K. W	48	45.58	7.87	31.61	62.35	35.90	39.90	44.50	51.75	56.40									
N F ELEM B	55	50.83	7.87	32.55	65.10	39.75	45.75	50.06	55.75	62.25									
N F ELEM W	262	48.92	7.12	30.78	69.28	39.27	43.92	48.50	54.10	58.80									
N F HS B	30	51.12	7.36	28.85	66.31	42.50	47.57	51.00	56.62	60.50									
N F HS W	182	49.02	7.41	29.55	67.01	39.19	43.59	49.07	54.00	58.47									
N F COLL B	7	54.76	8.81	46.54	72.64	47.55	49.13	51.75	56.25	71.40									
N F COLL W	147	50.55	5.99	31.61	67.40	42.73	46.84	51.16	54.70	57.99									
N F D.K. B	15	50.16	8.68	38.90	67.41	41.25	44.06	47.25	56.25	63.75									
N F D.K. W	59	47.90	7.03	33.40	65.22	38.93	42.52	48.19	52.58	55.65									
TOTAL	2821	50.48	7.40	26.93	72.90	40.89	45.29	50.48	55.39	60.29									

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in curriculum column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 224

BEQ SCALE 5 (TALK WITH OTHERS), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1496	0.58	7.77	-29.06	30.15	-9.34	-4.67	0.68	5.78	10.25
NON-ACADEMIC		1325	-0.87	8.68	-24.70	32.19	-12.13	-6.50	-1.07	4.70	10.18
MALES		1300	-0.41	8.43	-29.06	24.03	-11.32	-6.02	-0.26	5.39	9.97
FEMALES		1521	0.17	8.07	-24.70	32.19	-9.92	-5.19	0.07	5.28	10.39
ELEM F.ED.		806	-0.70	8.64	-24.97	32.19	-11.83	-6.24	-0.43	4.93	9.87
HS F.ED.		757	0.05	8.25	-29.06	26.62	-10.56	-5.58	0.43	5.51	10.26
COLL F.ED.		1064	0.28	7.77	-24.15	24.30	-9.65	-4.84	0.24	5.47	10.19
D.K.F.ED.		194	-0.26	8.89	-21.16	26.07	-11.90	-6.60	-0.67	5.22	12.32
BLACK		290	-0.73	9.55	-24.70	26.62	-12.57	-7.12	-1.14	5.21	12.29
WHITE		2531	-0.03	8.07	-29.06	32.19	-10.38	-5.38	0.02	5.35	10.10
NOT IN SAMPLE		694	-0.24	8.68	-27.02	28.66	-11.54	-5.66	0.14	5.57	9.83
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
ICUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	8	10	-10.01	8.78	-10.01	-7.50	-2.00	3.00	6.00
A	M	ELEM	W	135	-24.97	17.90	-9.80	-5.32	1.00	6.65	11.00
A	M	HS	B	14	-0.54	10.74	-11.20	-3.50	-2.00	7.00	16.48
A	M	HS	W	189	0.76	7.76	-29.06	-5.17	1.65	6.22	9.88
A	M	COLL	B	16	-2.45	8.55	-19.13	-8.00	-2.00	3.00	8.40
A	M	COLL	W	351	0.87	7.59	-21.72	-4.02	0.74	6.15	10.32
A	M	D.K.	8	2	-4.70	2.89	-6.75	*	*	*	*
A	M	D.K.	W	15	-0.57	9.32	-17.36	-10.17	-2.33	5.63	11.00
A	F	ELEM	8	20	-1.62	9.05	-24.70	-3.33	-0.00	2.00	8.00
A	F	ELEM	W	110	0.20	8.60	-18.88	-5.31	-0.00	4.50	10.00
A	F	HS	8	15	-2.40	12.44	-23.48	-10.50	-5.00	5.25	13.00
A	F	HS	W	162	1.23	7.38	-15.59	-3.92	1.04	5.63	10.32
A	F	COLL	8	8	6.80	6.77	0.76	1.33	4.00	11.00	15.99
A	F	COLL	W	406	0.64	7.30	-24.15	-4.42	0.59	5.70	10.33
A	F	D.K.	B	9	-2.82	6.32	-13.00	-7.50	-1.00	1.75	4.42
A	F	D.K.	W	34	-0.06	6.42	-15.85	-3.81	-0.50	4.60	7.60
N	M	ELEM	8	34	1.57	10.08	-20.07	-19.94	1.00	8.50	15.74
N	M	ELEM	W	180	-3.11	8.47	-24.70	-19.94	-3.60	2.73	8.25
N	M	HS	8	29	-2.51	8.18	-18.17	-14.64	-0.50	1.93	7.10
N	M	HS	W	136	-0.92	8.77	-24.70	-15.87	-0.50	5.22	9.80
N	M	COLL	8	14	1.53	9.83	-10.55	-8.50	-1.20	7.50	13.20
N	M	COLL	W	115	-2.00	8.63	-23.76	-19.94	-1.46	3.58	8.20
N	M	D.K.	8	12	-1.56	10.41	-18.58	-16.43	3.00	5.00	5.90
N	M	D.K.	W	48	-0.73	10.07	-21.16	-15.25	-1.33	5.00	13.28
N	F	ELEM	8	55	-2.82	9.02	-19.13	-13.00	-4.38	1.12	9.00
N	F	ELEM	W	262	0.24	8.33	-20.62	-10.32	-0.09	5.35	10.20
N	F	HS	8	30	1.05	10.58	-20.62	-15.00	-0.00	9.00	13.00
N	F	HS	W	182	-0.53	7.92	-23.21	-10.23	-0.00	4.87	10.16
N	F	COLL	8	7	0.60	14.85	-15.55	-12.50	-4.50	15.87	19.54
N	F	COLL	W	147	-0.55	7.67	-18.30	-10.37	-1.00	3.63	10.10
N	F	D.K.	8	15	2.67	7.89	-11.50	-5.00	-2.83	7.25	14.50
N	F	D.K.	W	59	0.16	9.52	-20.32	-12.04	-0.38	5.56	12.10
TOTAL		2821	-0.10	8.24	-29.06	32.19	-10.65	-5.55	-0.07	5.33	10.22

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 225

BEQ SCALE 5 (TALK WITH OTHERS), 0 ORDER TREND

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		7341869.3115	2820				
MEAN		7187576.7783	1	7187576.7783	131367.0000	0.0000	
ERROR		154292.5333	2819	54.7137			
CUR		4496.4852	1	4496.4852	87.9129	0.0000	
SEX		1742.3281	1	1742.3281	34.0651	0.0001	
F-ED		1896.3815	3	632.1272	12.3590	0.0000	
RACE		762.4535	1	762.4535	14.9071	0.0002	
ERROR		143927.7081	2813	51.1470			
CS		15.9581	1	15.9581	0.3120	0.5765	
CF		136.8121	3	45.6040	0.8916	0.4447	
CR		82.5977	1	82.5977	1.6149	0.2041	
SF		139.8404	3	46.6135	0.9114	0.4346	
SR		3.3631	1	3.3631	0.0658	0.7977	
FR		289.7287	3	96.5762	1.8882	0.1294	
ERROR		143314.8603	2801	51.1474			
CSF		57.9530	3	19.3179	0.3775	0.7691	
CSR		0.5750	1	0.5750	0.0112	0.9156	
CFR		153.3125	3	51.1042	0.9988	0.3924	
SFR		221.2115	3	73.7372	1.4411	0.2289	
ERROR		142858.0875	2791	51.1670			
CSFR		3.3057	3	1.1019	0.0215	0.9957	
ERROR		142854.7818	2788	51.2208			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 226

REG. SCALE 5 (TALK WITH OTHERS), 1ST ORDER 1KEND

***** ANALYSIS OF VARIANCE TABLE *****					
DEPENDENT VARIABLE	1				
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	191443.2197	2820			
MEAN	28.8042	1	28.8042	0.4244	0.5149
ERROR	191414.4154	2819	67.8775		
SEX	1163.8609	1	1163.8609	17.2864	0.0001
SCX	317.7978	1	317.7978	4.7201	0.0300
F.ED	128.2840	3	42.7613	0.6351	0.5921
RACE	30.4962	1	30.4962	0.4529	0.5010
ERROR	189461.1547	2813	67.3281		
CS	285.4553	1	285.4553	4.2478	0.0395
CF	162.8868	3	54.2956	0.8080	0.4892
CR	368.5048	1	368.5048	5.4837	0.0193
SF	33.1402	3	11.0467	0.1644	0.9204
SR	43.6320	1	43.6320	0.6493	0.4207
FR	174.3705	3	58.1235	0.8649	0.4585
ERROR	188294.1245	2801	67.1999		
CSF	123.5754	3	41.1918	0.6145	0.6054
CSR	132.7321	1	132.7321	1.9802	0.1596
CFR	53.7712	3	17.9237	0.2674	0.8488
SFR	819.7421	3	272.9140	4.0715	0.0068
ERROR	187148.5198	2791	67.0303		
CSFR	667.2369	3	222.4123	3.3264	0.0190
ERROR	186481.2830	2788	66.8632		

KEY

A academic
 B black
 REQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 227

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	52.76	8.62	17.96	65.89	42.71	48.10	54.67	58.99	62.45
NON-ACADEMIC		1546	49.47	9.79	17.96	65.89	36.18	43.92	50.69	56.59	61.49
MALES		1507	50.60	9.70	17.96	65.89	37.95	45.35	52.62	57.21	61.80
FEMALES		1711	51.69	8.99	17.96	65.89	39.96	46.25	53.01	58.14	62.29
ELEM F.ED.		928	49.59	9.79	17.96	65.89	36.20	44.13	51.01	56.45	61.50
HS F.ED.		844	50.51	9.52	17.96	65.89	38.11	45.00	52.07	57.24	61.85
COLL F.ED.		1129	53.54	8.07	17.96	65.89	43.64	49.05	54.63	59.20	62.72
D.K. F.ED.		317	49.20	10.03	17.96	65.89	34.76	43.66	50.04	56.67	61.39
BLACK		368	49.07	10.34	17.96	65.89	33.36	42.90	50.32	56.72	61.91
WHITE		2850	51.45	9.17	17.96	65.89	39.81	46.23	53.03	57.78	62.10
NOT IN SAMPLE		3703	48.98	10.43	17.96	65.89	33.99	43.71	50.71	56.44	61.11
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	8	12	12.91	17.96	28.50	35.00	40.83	55.00	57.25
A	M	ELEM	149	50.24	10.19	17.96	37.95	44.95	52.20	57.08	62.53
A	M	HS	18	46.20	14.86	17.96	24.50	31.25	49.17	59.38	63.00
A	M	HS	210	51.85	8.71	17.96	40.83	46.77	53.47	57.39	61.79
A	M	COLL	17	57.43	7.23	41.20	46.00	53.54	57.08	63.96	65.89
A	M	COLL	370	53.58	7.71	17.96	44.74	49.93	54.65	58.67	62.18
A	M	D.K.	9	42.71	10.44	28.12	29.75	42.92	46.67	51.87	58.00
A	M	D.K.	34	51.49	10.67	17.96	41.00	48.13	54.58	58.44	61.62
A	F	ELEM	24	50.70	10.98	26.67	33.50	45.00	51.67	59.17	64.50
A	F	ELEM	138	51.84	7.40	22.31	43.13	46.58	51.76	56.97	60.94
A	F	HS	18	51.60	8.83	33.93	39.50	45.00	53.21	56.43	63.00
A	F	HS	176	52.78	8.20	22.31	42.63	48.03	53.64	58.93	62.87
A	F	COLL	9	54.43	9.81	35.39	37.00	48.75	56.25	61.87	65.25
A	F	COLL	427	54.66	7.61	17.96	44.51	50.32	55.46	60.04	63.62
A	F	D.K.	10	51.22	9.89	32.48	32.50	45.00	52.50	56.33	60.83
A	F	D.K.	51	50.91	9.10	25.22	42.54	45.27	51.56	57.62	61.45
N	M	ELEM	41	48.67	11.11	26.67	32.67	40.21	50.71	57.34	61.71
N	M	HS	212	48.90	10.00	17.96	34.50	43.38	50.55	56.13	61.06
N	M	ELEM	34	48.54	8.85	26.67	34.50	43.89	49.50	55.25	58.50
N	M	HS	158	48.07	10.30	17.96	34.92	43.01	49.05	55.75	60.80
N	M	COLL	16	47.10	9.35	25.22	34.00	43.50	47.50	54.50	56.90
N	M	COLL	126	51.97	8.66	17.96	42.21	46.20	52.98	58.30	62.65
N	M	D.K.	29	45.50	10.58	23.77	31.50	38.75	45.00	52.50	59.50
N	M	D.K.	73	46.23	10.72	19.41	30.75	40.54	46.81	53.65	59.20
N	F	ELEM	61	49.34	8.97	28.12	37.57	43.75	50.16	55.73	61.00
N	F	ELEM	291	49.05	9.99	17.96	35.39	43.60	50.56	56.09	61.56
N	F	HS	43	50.97	9.93	31.03	35.75	44.38	52.92	59.46	63.37
N	F	HS	197	49.57	9.71	17.96	36.76	43.98	50.71	56.68	61.48
N	F	COLL	7	49.08	10.80	31.03	31.03	44.38	50.00	58.12	60.06
N	F	COLL	157	52.02	8.65	17.96	41.85	47.14	53.22	58.44	61.71
N	F	D.K.	31	47.24	9.49	29.58	31.37	42.08	47.86	53.75	59.75
N	F	D.K.	91	51.99	8.60	32.48	38.60	46.25	52.66	58.96	63.70
TOTAL		3218	51.18	9.44	17.96	65.89	35.98	45.83	52.92	57.94	62.08

A	academic	
B	black	
BBQ	Background and Experience Questionnaire	
COLL	college	
CF	curriculum-father's education interaction	
CR	curriculum-race interaction	
CS	curriculum-sex interaction	
CUR	curriculum	
D.K.	respondent did not know	
ELEM	elementary school	
F	female	
F.ED	father's education	
HS	high school	
M	male	
MAX	maximum	
MIN	minimum	
N	(when in "curriculum" column) non-academic	
N	number of cases	
NDF	number of degrees of freedom	
SCAT	School and College Ability Tests	
S.D.	standard deviation	
STEP	Sequential Tests of Educational Progress	
TGI	Test of General Information	
W	white	
*	no valid stratictic (N < 5)	

KEY

A academic
B black
BQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid stratictic (N < 5)

TABLE 229

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1772	53.68	8.07	13.35	68.52	42.68	49.12	54.35	59.66	64.40
NON-ACADEMIC		1681	46.91	10.12	5.74	68.52	32.83	40.23	48.14	54.25	59.83
MALES		1609	50.70	9.73	5.74	68.52	37.97	45.45	51.94	57.46	62.94
FEMALES		1844	50.11	9.73	11.45	68.52	37.51	43.54	51.22	56.92	62.49
ELEM F.O.D.		104C	48.19	10.36	5.74	68.52	33.79	41.27	49.45	55.52	61.59
HS F.O.D.		938	50.34	9.74	13.35	68.52	37.69	44.47	51.69	57.19	62.32
COLL F.O.D.		1224	52.73	8.54	14.11	68.52	40.77	48.10	53.51	59.03	64.02
D.K.F.O.D.		251	52.22	9.91	17.15	68.52	34.72	41.01	49.64	55.55	60.81
BLACK		488	51.05	10.25	13.35	68.52	36.77	44.48	52.24	58.58	64.29
WHITE		2965	50.28	9.64	5.74	68.52	37.77	44.32	51.48	57.01	62.38
NOT IN SAMPLE		3175	49.58	10.27	5.74	68.52	35.44	43.12	51.16	56.59	62.46

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.O.D. RACE							10	25	50	75	90		
A	M	ELEM	B	16	50.67	12.47	26.67	66.62	30.50	42.50	52.50	61.25	64.83
A	M	ELEM	W	160	52.01	9.09	17.15	68.52	39.58	47.22	53.25	58.70	63.97
A	M	HS	B	28	54.32	11.65	13.35	68.52	46.50	52.50	56.00	62.50	66.00
A	M	HS	W	227	53.55	7.95	24.76	68.52	43.47	49.36	54.38	59.28	63.98
A	M	COLL	B	20	53.59	8.56	36.18	64.72	42.50	48.50	55.00	60.83	64.17
A	M	COLL	W	395	54.47	7.46	20.96	68.52	45.87	50.34	54.98	60.02	64.51
A	M	D.K.	B	4	44.26	10.58	32.37	57.11	*	*	*	*	*
A	M	D.K.	W	19	52.30	9.52	34.28	68.52	38.63	42.19	54.00	59.06	63.00
A	F	ELEM	B	35	54.23	7.00	34.28	68.52	43.75	49.84	54.23	57.71	62.08
A	F	ELEM	W	147	52.29	8.70	26.67	68.52	39.69	47.85	52.58	58.42	63.68
A	F	HS	B	27	54.01	9.02	34.28	68.52	40.33	48.75	53.57	62.75	66.80
A	F	HS	W	186	53.55	7.65	30.47	68.52	42.37	47.88	54.24	59.62	63.73
A	F	COLL	B	13	57.84	9.72	34.28	66.62	39.00	53.75	62.86	65.18	66.57
A	F	COLL	W	447	54.25	7.50	28.57	68.52	43.60	49.53	54.59	59.83	64.63
A	F	D.K.	B	11	58.15	5.67	47.59	64.72	50.25	54.38	59.38	62.92	64.72
A	F	D.K.	W	37	51.45	7.71	26.67	64.72	43.71	47.60	51.46	56.25	62.87
N	M	ELEM	B	53	49.44	10.93	21.86	68.52	35.75	42.03	48.96	56.46	65.58
N	M	ELEM	W	236	44.77	10.32	5.74	66.62	30.21	38.55	47.03	52.09	56.61
N	M	HS	B	49	51.87	9.29	22.86	68.52	42.00	48.25	52.33	57.97	62.62
N	M	HS	W	165	47.27	9.96	17.15	68.52	32.81	40.95	48.54	54.86	60.12
N	M	COLL	B	21	49.77	10.68	32.37	68.52	33.00	42.92	49.58	59.69	64.75
N	M	COLL	W	139	49.14	9.40	14.11	68.52	38.48	42.66	49.35	55.82	62.89
N	M	D.K.	B	22	49.50	7.99	30.47	60.91	38.00	46.25	51.07	55.42	58.83
N	M	D.K.	W	55	45.62	9.92	17.15	62.82	38.00	46.25	51.07	55.42	58.83
N	F	ELEM	B	85	48.28	10.89	24.76	66.62	32.92	40.80	48.75	55.94	63.25
N	F	ELEM	W	309	45.81	10.10	11.45	68.52	31.55	39.11	46.65	53.27	58.15
N	F	HS	B	51	48.68	10.46	22.48	64.72	32.63	41.25	50.75	56.35	60.56
N	F	HS	W	205	45.36	9.95	13.35	68.52	31.46	39.16	46.45	52.75	57.14
N	F	COLL	B	20	51.86	11.41	28.57	64.72	37.50	41.25	55.00	62.50	64.72
N	F	COLL	W	169	47.56	8.97	20.96	66.62	26.00	41.65	48.63	54.04	58.47
N	F	D.K.	B	33	50.42	9.19	32.37	64.72	37.75	41.98	51.87	56.81	63.37
N	F	D.K.	W	70	44.66	10.40	20.96	62.82	30.83	39.53	44.17	53.18	58.33
TOTAL		3423	50.39	9.73	5.74	68.52	37.70	44.34	51.58	57.17	62.71		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.O.D. father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.O.D. father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

BEO SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 7, 1963

TABLE 230

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	MEAN	8709691.5015	3217			
	ERROR	8428858.2626	1	8428858.2626	96554.1875	0.0000
SEX	MEAN	280833.2388	3216	87.2966		
	ERROR					
F.ED	MEAN	3981.2391	1	3981.2391	48.2473	0.0000
	ERROR	1187.6988	1	1187.6988	14.3933	0.0002
RACE	MEAN	5059.4589	3	1686.4863	20.4380	0.0000
	ERROR	363.6432	1	363.6432	4.4069	0.0359
CS	MEAN	264962.9069	3210	82.5173		
	ERROR					
CF	MEAN	9.0994	1	9.0994	0.1103	0.7400
	ERROR	191.9508	3	63.9836	0.7754	0.5075
SF	MEAN	98.3188	1	98.3188	1.1915	0.2753
	ERROR	383.2140	3	127.7380	1.5480	0.2001
FR	MEAN	69.2453	1	69.2453	0.8392	0.3600
	ERROR	223.1281	3	74.3754	0.9013	0.4396
CSF	MEAN	263975.3111	3198	82.5181		
	ERROR					
CSR	MEAN	581.9400	3	193.6467	2.3810	0.0677
	ERROR	227.9081	1	227.9081	2.7736	0.0962
CFR	MEAN	1189.7833	3	396.5944	4.8265	0.0024
	ERROR	233.4002	3	77.8001	0.9468	0.4170
SFR	MEAN	262043.3056	3188	82.1710		
	ERROR					
CSFR	MEAN	369.4047	3	123.1349	1.4992	0.2128
	ERROR	261673.9009	3185	82.1324		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 9, 1965

TABLE 231

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDING VARIABLE	
1					1	2
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY DF LARGER F	KEY
TOTAL	9415009.9646	3419				A academic
BEQ	9127248.1393	1	9127248.1393	108444.0000	0.0000	B black
ERROR	287761.8253	3418	84.1655			BEQ Background and Experience Questionnaire
COLL	14354.9164	1	14354.9164	185.6166	0.0000	COLL college
SEX	311.0812	1	311.0812	4.0224	0.0452	CF curriculum-father's
F.EO	2909.1673	3	969.7224	12.5390	0.0001	CF curriculum-father's education interaction
RACE	49.4059	1	49.4059	0.6388	0.4244	CR curriculum-race interaction
ERROR	263949.0956	3412	77.3364			CS curriculum-sex interaction
CS	4.8520	1	4.8520	0.0627	0.8024	CS curriculum-sex interaction
CF	137.2434	3	45.7478	0.5910	0.6208	CF curriculum
CR	30.5790	1	30.5790	0.3951	0.5297	D.K. respondent did not know
SF	254.4363	3	84.8121	1.0957	0.3497	ELEM elementary school
SR	90.6738	1	90.6738	1.1715	0.2795	F female
FR	124.9270	3	41.6423	0.5380	0.6562	F.FED father's education
ERROR	263243.5138	3400	77.4018			HS high school
CSF	113.1361	3	37.7120	0.4875	0.6908	M male
CSR	67.5287	1	67.5287	0.8730	0.3505	MAX maximum
CFR	283.0181	3	94.3394	1.2196	0.3010	MIN minimum
SFR	455.9619	3	151.9873	1.9648	0.1171	N (when in "curriculum" column) non-academic
ERROR	262306.6475	3390	77.3538			N number of cases
CSFR	242.9211	3	80.9737	1.0468	0.3706	NDF number of degrees of freedom
ERROR	262063.7265	3387	77.3506			SCAT School and College Ability Tests
						S.D. standard deviation
						STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 11, 1967

TABLE 232

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL		9092785.2256	3452				
MEAN		8765730.9812	1	8765730.9812	92520.6875	0.0000	A academic
ERROR		327054.2444	3451	94.7434			B black
CUR		30824.6345	1	30824.6345	376.9666	0.0000	BEQ Background and Experience Questionnaire
SEX		55.1306	1	55.1306	0.6742	0.419	COLL college
F.ED		3399.2573	3	1133.0858	13.8570	0.0001	CF curriculum-father's education interaction
RACE		3048.9028	1	3048.9028	37.2852	0.0001	CR curriculum-race interaction
ERROR		281779.9429	3445	81.7702			CS curriculum-sex interaction
CS		281.3987	1	281.3987	3.4484	0.0636	CUR curriculum
CF		123.9818	3	41.3273	0.5064	0.6775	D.K. respondent did not know
CR		608.8771	1	608.8771	7.4615	0.0065	ELEM elementary school
SF		499.8877	3	166.6292	2.0420	0.1059	F female
SR		40.0307	1	40.0307	0.4906	0.4838	F.ED father's education
FR		134.8861	3	44.9620	0.5510	0.6474	HS high school
ERROR		280223.3522	3433	81.6026			M male
CSF		147.3333	3	49.1111	0.6021	0.6134	MAX maximum
CSR		261.6944	1	261.6944	3.2084	0.0734	MIN minimum
CFR		73.3115	3	24.4372	0.2996	0.8255	N (when in "curriculum" column) non-academic
SFR		502.8327	3	167.6109	2.0550	0.1041	NDF number of degrees of freedom
ERROR		279275.9059	3423	81.5642			SCAT School and College Ability Tests
CSFR		270.5530	3	90.1843	1.1058	0.3454	S.D. standard deviation
ERROR		279005.3529	3420	81.5567			STEP Sequential Tests of Educational Progress
							TGI Test of General Information
							W white
							* no valid statistic (N < 5)

TABLE 233

BEO SCALE 6 (ACADEMIC COURSE INTERESTS), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1533	53.62	5.69	22.61	67.18	46.54	50.15	53.98	57.73	60.78
NON-ACADEMIC		1376	48.59	7.03	21.82	66.55	39.38	44.02	48.78	53.73	57.49
MALES		1339	51.20	6.91	21.82	66.55	41.75	47.12	51.93	56.23	59.61
FEMALES		1570	51.20	6.78	24.08	67.18	41.99	46.85	51.86	56.18	59.82
ELEM F.ED.		835	49.37	7.21	23.83	66.55	39.58	44.52	49.67	54.66	58.30
HS F.ED.		781	50.85	6.82	21.82	67.18	41.87	46.74	51.65	55.57	58.89
COLL F.ED.		1091	53.40	5.81	30.06	67.18	45.81	49.81	53.75	57.68	60.72
O.K.F.ED.		202	49.89	7.17	25.08	66.21	39.22	44.25	49.12	54.29	58.08
BLACK		306	50.21	7.74	21.82	65.92	39.69	45.09	50.63	55.79	60.33
WHITE		2603	51.36	6.71	23.83	67.18	42.18	47.17	52.02	56.24	59.67
NOT IN SAMPLE		719	50.38	6.97	27.47	66.70	41.16	45.79	51.00	55.23	59.29

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM	8	49.21	8.96	36.35	63.19	36.35	42.75	50.00	58.87	61.35
A	M ELEM	137	51.59	6.78	33.79	66.55	42.72	47.57	52.13	56.57	60.16
A	M HS	8	50.35	10.50	22.61	62.88	36.00	46.13	53.00	57.37	60.75
A	M HS	195	53.21	5.37	37.19	64.64	46.56	49.97	53.88	56.98	59.68
A	M COLL	8	55.99	3.31	48.62	64.64	48.90	51.50	55.50	60.75	63.60
A	M COLL	357	54.27	5.21	37.66	65.43	47.21	50.70	54.62	58.25	60.86
A	M D.K.	3	43.07	5.57	37.52	48.66	*	*	*	*	*
A	M D.K.	15	53.13	6.00	44.32	66.21	47.00	47.25	53.00	56.75	63.00
A	F ELEM	21	52.68	7.22	37.72	63.69	40.80	48.75	52.20	57.56	62.40
A	F ELEM	115	53.06	5.85	37.05	64.47	44.06	49.93	53.79	57.25	60.09
A	F HS	16	53.13	6.29	41.09	62.91	42.90	49.50	54.00	58.50	60.90
A	F HS	164	53.34	5.19	41.33	67.18	46.55	49.74	53.05	57.41	60.67
A	F COLL	8	55.81	6.01	45.68	63.40	45.90	52.50	55.50	60.00	62.10
A	F COLL	417	54.57	5.16	35.26	67.18	48.19	51.27	54.64	58.11	61.30
A	F D.K.	9	55.34	5.20	44.72	61.94	46.20	51.38	56.25	59.62	61.80
A	F D.K.	34	51.66	5.67	36.91	64.46	44.90	48.00	52.50	55.05	58.20
N	M ELEM	36	49.75	7.60	35.56	65.92	39.06	44.25	49.50	56.00	59.10
N	M ELEM	186	47.26	6.77	23.83	60.18	38.22	43.54	47.72	52.16	55.73
N	M HS	32	48.58	7.99	21.82	63.05	39.30	44.36	49.50	54.00	56.30
N	M HS	141	48.67	7.04	28.25	64.46	38.76	44.17	49.17	53.83	57.28
N	M COLL	16	49.88	7.59	30.06	63.65	42.30	46.50	50.70	54.00	57.60
N	M COLL	119	50.70	6.59	32.25	66.55	41.97	46.93	51.19	55.12	59.38
N	M D.K.	12	47.06	6.47	37.83	59.55	29.30	42.00	46.50	52.50	55.20
N	M D.K.	48	46.31	7.75	25.08	62.14	35.70	41.10	47.50	51.75	56.60
N	F ELEM	56	49.07	8.31	29.40	65.91	37.95	43.50	49.50	54.68	61.74
N	F ELEM	273	47.89	6.94	25.00	64.66	39.04	43.17	47.71	52.58	57.14
N	F HS	31	49.82	5.98	36.03	60.52	40.80	46.75	49.33	54.19	57.24
N	F HS	187	48.24	7.25	24.08	66.55	39.64	43.47	48.45	53.84	57.04
N	F COLL	7	47.70	7.83	37.28	58.95	37.28	41.63	47.25	56.25	58.95
N	F COLL	151	50.17	5.04	34.84	64.64	42.27	46.46	50.06	54.88	58.69
N	F D.K.	17	47.57	7.40	34.99	62.11	38.55	42.38	46.88	51.75	59.40
N	F D.K.	64	48.41	6.80	32.44	62.42	39.20	43.90	48.00	53.36	57.80
TOTAL		2909	51.24	6.84	21.82	67.18	41.89	46.98	51.89	56.20	59.72

KEY

A academic

8 black

8BQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school female

F ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

- A academic
 B black
 8EQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 234

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1533	0.49	7.79	-23.16	33.06	-8.80	-4.66	-0.09	4.95	9.99
NON-ACADEMIC		1376	-2.01	9.06	-28.37	31.72	-13.30	-7.93	-2.25	3.56	9.49
MALES		1339	0.11	8.51	-27.73	33.06	-10.04	-5.19	-0.35	4.98	10.98
FEMALES		1570	-1.38	8.44	-28.37	31.72	-11.80	-6.63	-1.50	3.84	8.97
ELEM F.ED.		835	-0.98	9.15	-26.39	31.72	-12.05	-7.10	-1.22	4.62	11.17
HS F.ED.		781	-0.44	8.88	-28.37	33.06	-11.66	-5.75	-0.62	4.93	10.00
COLL F.ED.		1091	-0.60	7.56	-25.36	31.72	-9.42	-5.43	-0.98	3.73	8.49
D.K.F.ED.		202	-0.98	9.05	-27.34	30.37	-12.51	-6.21	-1.47	5.62	9.76
BLACK		306	0.55	8.94	-24.53	33.06	-11.53	-5.17	0.40	6.41	12.62
WHITE		2603	-0.84	8.44	-28.37	31.72	-10.99	-5.96	-1.09	4.06	9.52
NOT IN SAMPLE		719	0.03	8.47	-26.39	27.68	-10.56	-5.82	0.09	5.27	10.74

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M ELEM 8	11	3.26	7.04	-9.78	15.00	-5.80	-0.50	3.25	6.50	13.80
A	M ELEM W	137	1.15	9.38	-23.16	29.03	-10.33	-5.28	0.50	7.10	13.65
A	M HS 8	15	5.21	13.35	-13.68	33.06	-12.50	-5.25	6.50	16.13	26.29
A	M HS W	195	1.39	7.79	-19.59	26.51	-8.14	-3.92	0.94	6.53	11.50
A	M COLL 8	16	-2.30	7.22	-14.28	10.86	-11.40	-7.33	-2.67	2.00	8.80
A	M COLL W	357	0.62	7.07	-20.54	31.72	-7.27	-3.72	0.07	4.23	8.88
A	M D.K. 8	3	-1.54	4.39	-5.75	3.01	*	*	*	*	*
A	M D.K. W	15	3.34	9.29	-9.08	30.37	-8.50	-2.25	2.50	6.83	9.00
A	F ELEM 8	21	1.58	9.34	-18.24	15.99	-7.90	-4.75	1.00	7.50	13.93
A	F ELEM W	115	0.47	7.65	-19.27	20.74	-8.90	-4.95	0.36	5.44	11.00
A	F HS 8	16	-0.31	8.55	-15.16	17.35	-10.80	-6.00	-2.67	6.00	10.80
A	F HS W	164	0.16	8.29	-21.96	28.64	-10.13	-5.08	-0.57	4.67	9.93
A	F COLL 8	8	1.37	11.52	-18.24	19.40	-15.65	-8.00	2.00	8.00	15.88
A	F COLL W	417	-0.46	7.03	-21.64	31.72	-8.99	-5.28	-0.89	3.89	8.04
A	F D.K. 8	9	3.30	8.13	-7.16	18.76	-6.20	-1.50	1.50	7.50	15.38
A	F D.K. W	34	0.49	8.13	-14.38	21.21	-7.80	-5.25	-0.50	5.67	11.20
N	M ELEM 8	36	2.14	8.66	-14.28	20.43	-9.40	-4.00	2.50	6.00	14.80
N	M ELEM W	186	-2.64	9.49	-26.39	24.21	-14.13	-9.19	-3.11	2.12	10.69
N	M HS 8	32	1.41	8.03	-13.75	15.68	-9.60	-4.00	2.67	7.33	11.60
N	M HS W	141	-0.70	9.34	-27.73	27.68	-11.95	-5.54	-0.50	3.97	10.90
N	M COLL 8	16	1.19	9.23	-13.11	15.92	-8.80	-6.00	-2.00	10.00	14.80
N	M COLL W	119	-1.46	8.04	-16.97	31.01	-11.13	-7.16	-1.62	3.70	9.55
N	M D.K. 8	12	0.10	7.74	-9.64	14.40	-8.80	-5.00	-2.67	4.00	11.60
N	M D.K. W	48	0.01	9.09	-19.98	19.54	-10.40	-5.67	-2.00	7.00	11.20
N	F ELEM 8	56	-0.82	7.95	-20.87	17.42	-12.40	-5.20	0.50	4.00	7.70
N	F ELEM W	273	-2.34	9.31	-24.33	31.72	-14.77	-8.59	-2.95	3.34	9.34
N	F HS 8	31	-2.52	10.86	-24.53	18.69	-19.61	-12.25	-0.75	4.25	9.80
N	F HS W	187	-3.11	8.80	-28.37	23.89	-13.87	-9.77	-2.82	2.25	8.26
N	F COLL 8	7	-1.44	10.02	-16.19	12.91	-15.36	-10.50	-1.00	6.50	12.60
N	F COLL W	151	-3.28	8.54	-25.36	31.33	-13.16	-7.75	-3.81	1.04	5.69
N	F D.K. 8	17	1.18	7.49	-12.16	14.40	-8.60	-5.17	4.50	7.10	9.60
N	F D.K. W	64	-4.86	9.31	-27.34	15.36	-17.47	-10.67	-4.67	2.00	6.64
TOTAL		2909	-0.69	8.50	-28.37	33.06	-11.04	-5.88	-0.97	4.35	9.78

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 235

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****				
DEPENDENT VARIABLE	1			
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO
TOTAL	7774409.1648	2908		
MEAN	7638447.9026	1	7638447.9026	
ERROR	135961.2622	2907	46.7542	163374.4375
0.0000				
CUR	12000.0649	1	12000.0649	303.6953
SEX	114.7334	1	114.7334	2.9037
F-ED	2862.0580	3	954.0193	24.1441
RACE	46.8157	1	46.8157	1.1848
ERROR	114668.0739	2901	39.5135	
0.2767				
CS	62.9637	1	62.9637	1.5923
CF	46.9567	1	46.9567	0.3958
CR	72.3791	1	72.3791	1.8304
SF	169.3689	3	56.4563	1.4278
SR	20.0185	1	20.0185	0.5063
FR	45.7151	3	15.2384	0.3854
ERROR	114276.4927	2889	39.5421	
0.7635				
CSF	38.2480	3	12.7493	0.3230
CSR	154.4595	1	154.4595	3.9128
CFR	346.6776	3	115.5425	2.9269
SFR	137.6317	3	45.8773	1.1622
ERROR	113689.5828	2879	39.4756	
0.8088				
CSFR	234.3900	3	78.1300	1.9812
ERROR	113455.1928	2876	39.4353	
0.1147				

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 236

BEO SCALE 6 (ACADEMIC COURSE INTERESTS), 1ST ORDER TREND

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		211671.3871	2908				
MEAN		1396.0073	1	1396.0073	19.3060	0.0001	
ERROR		210275.3797	2907	72.3093			
CUR		4773.9645	1	4773.9645	68.1833	0.0000	
SEX		1276.1416	1	1276.1416	18.2262	0.0001	
F-ED		208.6320	3	69.5440	0.9932	0.3949	
RACE		927.2503	1	927.2503	13.2433	0.0003	
ERROR		203188.2732	2901	70.0167			
CS		56.8534	1	56.8534	0.8122	0.3676	
CF		157.0231	3	52.3410	0.7478	0.5233	
CR		124.0769	1	124.0769	1.7726	0.1834	
SF		432.6682	3	144.2227	2.0605	0.1034	
SR		38.7607	1	38.7607	0.5538	0.4569	
FR		129.4603	3	43.1534	0.6165	0.6040	
ERROR		202286.5219	2889	69.9954			
CSF		118.5314	3	39.5105	0.5649	0.6379	
CSR		14.4983	1	14.4983	0.2073	0.6490	
CFR		146.0210	3	48.6737	0.6959	0.542	
SFR		606.3185	3	202.1062	2.8896	0.0343	
ERROR		201434.8245	2879	69.9427			
CSFR		124.3646	3	41.4549	0.5924	0.6196	
ERROR		201310.4599	2876	69.9724			

KEY

A academic
 B black
 BQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 2)

TABLE 237

8EQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1572	52.68	10.53	38.06	87.15	39.93	44.23	51.28	60.54	69.13
NON-ACADEMIC		1546	48.71	9.33	38.06	87.15	39.03	41.33	47.58	54.98	62.28
MALES		1507	48.96	9.49	38.06	87.15	39.06	41.41	47.87	55.41	62.34
FEMALES		1711	52.37	10.47	38.06	87.15	39.84	43.84	51.00	60.38	68.67
ELEM F.ED.		928	48.48	9.39	38.06	87.15	38.95	41.14	47.09	54.39	62.41
HS F.ED.		844	49.95	9.74	38.06	80.60	39.30	41.99	48.85	56.92	64.53
COLL F.ED.		1129	53.66	10.55	38.06	83.88	40.41	45.74	52.47	61.18	69.73
D.K.F.ED.		317	49.37	9.67	38.06	80.60	39.08	41.46	48.12	56.25	65.09
BLACK		368	50.90	9.60	38.06	87.15	39.95	43.83	49.82	58.17	66.02
WHITE		2850	50.76	10.24	38.06	87.15	39.34	42.11	49.48	58.74	66.89
NOT IN SAMPLE		3703	49.33	9.81	38.06	87.15	39.09	41.47	48.30	56.26	63.96

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	6	52.52	13.92	38.06	39.00	41.25	50.00	60.00	66.50
A	M	ELEM	W	48.45	9.11	38.06	39.19	41.73	46.51	54.78	62.62
A	M	HS	8	53.34	10.04	38.06	42.00	46.67	52.50	59.38	68.50
A	M	HS	W	48.40	8.49	38.06	39.07	41.42	48.14	53.62	61.31
A	M	COLL	8	56.54	10.79	38.06	43.67	47.92	58.33	66.87	71.33
A	M	COLL	W	51.60	10.33	38.06	39.73	43.47	50.35	59.34	67.73
A	M	D.K.	8	48.97	6.94	38.06	39.75	43.75	49.38	52.19	58.00
A	M	D.K.	W	47.69	9.43	38.06	38.92	41.04	45.62	52.08	64.00
A	F	ELEM	8	54.97	10.64	38.06	43.50	48.61	51.94	60.83	74.00
A	F	ELEM	W	51.15	9.39	38.06	39.88	43.70	49.80	59.33	66.00
A	F	HS	8	52.42	12.20	38.06	39.30	42.00	51.25	61.67	73.00
A	F	HS	W	54.31	10.84	38.06	40.17	46.17	53.03	61.59	70.97
A	F	COLL	8	56.24	7.15	44.61	47.00	50.63	56.25	61.87	67.52
A	F	COLL	W	56.98	10.46	38.06	42.35	49.44	57.95	64.86	71.70
A	F	D.K.	8	52.46	13.38	38.06	38.75	40.63	47.50	55.00	72.50
A	F	D.K.	W	53.78	10.83	38.06	39.63	43.44	53.00	62.08	71.12
N	M	ELEM	8	47.00	7.57	38.06	39.21	41.77	46.04	50.87	60.67
N	M	ELEM	W	45.57	8.72	38.06	38.48	39.95	42.41	51.25	59.67
N	M	HS	8	50.29	9.47	38.06	40.33	43.75	48.21	55.62	65.50
N	M	HS	W	47.92	9.05	38.06	38.94	41.09	46.79	52.30	61.23
N	M	COLL	8	51.77	9.04	38.06	40.17	47.50	51.50	59.50	61.90
N	M	COLL	W	48.82	8.50	38.06	39.12	41.54	48.43	55.47	60.94
N	M	D.K.	8	49.52	9.11	38.06	39.83	43.33	48.93	55.83	65.50
N	M	D.K.	W	46.27	9.10	38.06	38.46	39.90	42.30	50.87	60.86
N	F	ELEM	8	49.76	8.46	38.06	39.68	43.19	49.58	56.46	63.62
N	F	ELEM	W	48.31	9.51	38.06	38.87	40.93	46.99	53.46	62.85
N	F	HS	8	48.38	8.15	38.06	39.33	42.08	47.92	55.94	61.20
N	F	HS	W	48.99	9.35	38.06	39.20	41.75	47.67	54.90	62.67
N	F	COLL	8	54.90	10.59	44.61	44.61	46.88	53.75	68.12	70.75
N	F	COLL	W	53.07	10.38	38.06	40.77	45.32	51.94	60.55	69.45
N	F	D.K.	8	50.84	8.67	38.06	40.60	45.25	49.79	55.62	66.12
N	F	D.K.	W	49.13	8.88	38.06	39.43	42.32	48.24	55.37	61.45
TOTAL		3218	50.77	10.10	38.06	87.15	39.40	42.24	49.53	58.68	66.76

KEY

A

academic

B

black

8BQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

- A academic
 B black
 8BQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 238

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1776	53.84	10.85	39.53	91.86	41.54	45.03	52.78	61.27	67.83
NON-ACADEMIC		1760	48.04	9.00	39.53	91.86	39.53	42.04	45.70	53.19	60.68
MALES		1658	49.76	10.08	39.53	91.86	39.57	42.64	46.68	55.34	64.67
FEMALES		1878	52.00	10.54	39.53	91.86	40.58	44.00	49.70	57.45	66.23
ELEM F.ED.		980	48.51	9.70	39.53	91.86	39.53	41.88	45.79	54.01	63.03
HS F.ED.		934	50.00	10.04	39.53	91.86	39.71	42.88	46.85	55.73	64.71
COLL F.ED.		1220	54.05	10.65	39.53	91.86	42.30	45.33	53.09	61.08	67.71
D.K.F.ED.		402	49.69	9.71	39.53	88.37	39.81	43.01	46.79	55.07	63.89
BLACK		566	50.71	10.13	39.53	91.86	40.33	43.63	47.47	55.88	64.83
WHITE		2970	51.00	10.44	39.53	91.86	39.75	43.28	47.56	56.73	65.80
NOT IN SAMPLE		4920	49.30	9.65	39.53	91.86	39.58	42.65	46.45	54.84	63.57
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A M	ELEM B	17	52.19	13.24	39.53	77.90	39.63	42.75	47.00	61.25	75.75
A M	ELEM W	151	49.86	10.44	39.53	91.86	39.54	42.58	46.60	55.74	64.61
A M	HS B	29	52.76	9.62	39.53	70.93	41.13	45.21	51.25	59.37	66.37
A M	HS W	219	50.81	10.52	39.53	88.37	39.69	42.91	47.75	56.36	66.00
A M	COLL B	20	51.16	9.85	39.53	76.74	40.00	43.50	50.00	56.50	62.50
A M	COLL W	395	53.77	10.83	39.53	84.88	41.99	45.03	52.59	61.59	68.75
A M	D.K. B	15	53.95	13.24	39.53	88.37	41.25	44.25	53.13	58.75	70.00
A M	D.K. W	37	49.16	8.51	39.53	70.93	40.14	43.30	46.61	54.25	63.00
A F	ELEM B	36	51.45	11.78	39.53	81.39	39.53	42.50	48.75	56.25	71.00
A F	ELEM W	126	53.12	10.04	39.53	77.90	41.21	45.00	52.50	60.00	66.50
A F	HS B	26	53.04	9.50	39.53	67.44	42.88	45.31	52.50	61.25	65.33
A F	HS W	180	54.41	10.88	39.53	91.86	42.81	45.56	53.17	62.50	67.32
A F	COLL B	13	59.66	13.37	43.02	91.86	44.67	48.75	60.00	65.94	71.00
A F	COLL W	445	57.35	10.39	39.53	88.37	44.14	48.80	55.83	64.31	71.25
A F	D.K. B	13	54.02	12.73	39.53	81.39	42.80	44.75	50.00	64.37	71.00
A F	D.K. W	54	54.34	10.14	39.53	75.41	42.00	45.91	53.33	61.87	68.25
N M	ELEM B	55	46.90	7.73	39.53	75.41	39.53	42.41	45.57	50.78	57.08
N M	ELEM W	219	45.55	7.89	39.53	77.90	39.53	40.68	43.97	47.39	56.06
N M	HS B	50	49.02	8.87	39.53	81.39	39.77	42.92	46.39	53.75	61.25
N M	HS W	163	47.02	8.67	39.53	81.39	39.53	41.07	44.90	51.06	58.56
N M	COLL B	21	48.05	7.60	39.53	63.95	39.53	41.88	45.71	54.46	56.71
N M	COLL W	136	48.65	9.12	39.53	81.39	39.53	42.22	46.40	53.82	61.50
N M	D.K. B	50	49.60	8.86	39.53	77.90	39.53	41.67	44.13	50.94	57.45
N M	D.K. W	81	46.57	9.03	39.53	77.90	39.53	40.66	44.13	50.94	57.45
N F	ELEM B	84	51.26	10.68	39.53	91.86	40.73	43.88	47.50	55.94	65.50
N F	ELEM W	292	46.99	8.77	39.53	91.86	39.53	41.15	44.82	52.61	57.83
N F	HS B	56	49.94	10.33	39.53	84.88	40.05	43.18	46.36	54.64	64.90
N F	HS W	211	47.20	8.38	39.53	74.42	39.53	41.82	45.21	51.99	59.57
N F	COLL B	20	50.99	8.50	39.53	74.42	43.21	45.36	49.50	55.83	60.83
N F	COLL W	170	51.42	9.38	39.53	81.39	42.22	44.48	48.89	56.28	64.69
N F	D.K. B	61	50.83	9.45	39.53	88.37	40.04	43.66	49.37	56.02	62.42
N F	D.K. W	91	47.88	8.65	39.53	81.39	39.67	42.73	45.72	52.95	59.00
TOTAL		5530	50.95	10.32	39.53	91.86	4.01	45.34	47.54	56.60	65.55

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 239

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1791	53.77	10.64	39.70	90.27	41.85	45.36	52.68	61.21	68.72
NON-ACADEMIC		1725	47.25	8.62	39.70	89.79	39.70	41.14	45.02	52.77	59.89
MALES		1645	49.28	10.05	39.70	90.27	39.70	41.80	46.23	55.46	64.78
FEMALES		1871	51.70	10.26	39.70	90.27	40.42	43.98	49.80	57.14	66.52
ELEM F.ED.		1053	48.09	9.33	39.70	86.90	39.70	41.50	45.57	53.59	63.18
HS F.ED.		961	49.78	9.91	39.70	90.27	39.70	42.42	46.75	55.74	64.75
COLL F.ED.		1236	53.86	10.63	39.70	90.27	41.85	45.47	52.92	61.47	68.62
D.K. F.ED.		266	47.95	8.74	39.70	89.79	39.70	41.51	45.66	53.81	60.39
BLACK		513	45.81	9.72	39.70	83.53	39.70	42.74	46.90	55.78	64.97
WHITE		3003	50.70	10.31	39.70	90.27	39.72	42.96	47.76	56.57	65.88
NOT IN SAMPLE		3358	49.40	9.72	39.70	90.27	39.70	42.53	46.50	55.13	64.39
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A	M	ELEM	B	18	50.38	9.90	39.70	43.13	49.17	56.67	63.50
A	M	ELEM	M	161	49.27	10.09	39.70	42.52	46.18	54.74	64.38
A	M	HS	B	30	53.02	10.88	39.70	40.50	44.06	50.83	67.50
A	M	HS	M	228	50.42	9.88	39.70	42.74	47.26	56.71	64.82
A	M	COLL	B	20	50.49	9.19	39.70	40.00	43.50	56.67	65.00
A	M	COLL	M	398	53.57	10.99	39.70	41.65	45.02	52.21	61.98
A	M	D.K.	B	6	44.76	7.91	39.70	39.70	40.00	42.50	46.25
A	M	D.K.	M	21	47.83	8.42	39.70	39.70	41.88	46.25	51.25
A	F	ELEM	B	37	53.63	12.12	39.70	40.58	44.53	51.25	63.25
A	F	ELEM	M	146	53.72	9.75	39.70	43.03	46.25	52.76	58.00
A	F	HS	B	27	54.31	10.15	39.70	43.08	46.46	52.92	62.92
A	F	HS	M	187	54.56	10.31	39.70	43.53	46.52	53.04	60.80
A	F	COLL	B	15	57.68	11.79	43.07	43.75	45.63	56.25	68.12
A	F	COLL	M	448	57.64	10.05	39.70	45.33	50.07	56.14	64.31
A	F	D.K.	B	11	54.10	11.19	43.07	43.88	45.94	50.00	63.12
A	F	D.K.	M	38	52.48	9.42	39.70	40.67	44.69	53.06	59.37
N	M	ELEM	B	55	47.53	8.97	39.70	39.70	41.54	45.13	53.75
N	M	ELEM	M	240	44.70	7.55	39.70	39.70	39.88	42.26	46.79
N	M	HS	B	50	49.08	9.85	39.70	39.70	41.41	46.25	56.56
N	M	HS	M	171	46.86	9.02	39.70	39.70	40.60	44.09	51.53
N	M	COLL	B	21	48.53	7.50	39.70	39.70	42.71	47.08	54.25
N	M	COLL	M	141	48.00	9.09	39.70	39.70	41.42	45.61	54.11
N	M	D.K.	B	23	45.04	5.33	39.70	39.70	40.69	44.06	47.92
N	M	D.K.	M	62	46.96	9.75	39.70	39.70	40.37	43.83	53.25
N	F	ELEM	B	87	48.30	7.98	39.70	39.92	43.09	46.48	53.25
N	F	ELEM	M	309	46.70	8.39	39.70	39.70	41.11	44.74	51.11
N	F	HS	B	56	48.82	10.28	39.70	39.70	41.62	45.74	54.50
N	F	HS	M	212	46.57	7.80	39.70	39.70	41.18	44.83	51.00
N	F	COLL	B	22	51.96	9.45	39.70	40.25	44.38	52.50	62.92
N	F	COLL	M	171	50.45	9.10	39.70	40.55	43.92	48.52	55.93
N	F	D.K.	B	35	47.23	7.65	39.70	39.70	41.48	45.21	54.06
N	F	D.K.	M	70	47.03	7.57	39.70	39.70	41.67	45.42	52.73
TOTAL		3516	50.57	10.23	39.70	90.27	39.70	42.92	47.50	56.46	65.74

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's

CR curriculum-race

CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

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CUR curriculum-sex

CUR curriculum-sex

CUR curriculum-sex

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 7, 1963

TABLE 240

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		8627755.3694	3217				
MEAN		8295433.2659	1		80301.8125	0.0000	
ERROR		332326.1035	3216	103.3621			
CUR		6891.8148	1	6891.8148	73.8080	0.0000	
SEX		10260.6392	1	10260.6392	109.8865	0.0000	
F.ED		9173.1204	3	3057.7068	32.7466	0.0000	
RACE		1006.8577	1	1006.8577	10.7830	0.0011	
ERROR		299826.6789	3210	93.3749			
CS		720.6701	1	720.6701	7.7432	0.0054	
CF		45.8082	3	15.2694	0.1641	0.9205	
CR		36.7305	1	36.7305	0.3946	0.5300	
SF		329.2315	3	109.7438	1.1791	0.3162	
SR		331.0698	1	331.0698	3.5572	0.0595	
FR		64.2940	3	21.4313	0.2303	0.8753	
ERROR		297734.1708	3198	93.0710			
CSF		558.8040	3	186.2680	2.0031	0.1114	
CSR		90.9503	1	90.9503	0.9781	0.3229	
CFR		227.6701	3	75.8900	0.8161	0.4846	
SFR		245.8745	3	81.9582	0.8814	0.4499	
ERROR		296544.1534	3188	92.9897			
CSFR		43.7493	3	14.5831	0.1567	0.9255	
ERROR		296500.4041	3185	93.0636			

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 9, 1965

TABLE 241

DEPENDENT VARIABLE		ANALYSIS OF VARIANCE TABLE			*****	
		1				
SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	
TOTAL	9560908.0305	3535				
MEAN	9179556.6528	1	9179556.6528	85091.3750	0.0000	
ERROR	381351.3777	3534	107.8788			
CUR	20444.6323	1	20444.6323	214.1361	0.0000	
SEX	5605.9409	1	5605.9409	58.7164	0.0000	
F.ED	8276.9400	3	2758.9800	28.8974	0.0000	
RACE	1278.6439	1	1278.6439	13.3925	0.0004	
ERROR	336930.9618	3528	95.4749			
CS	470.9278	1	470.9278	4.9449	0.0262	
CF	62.9669	3	20.9890	0.2204	0.8821	
CR	364.4935	1	364.4935	3.8273	0.0506	
SF	245.4436	3	81.8145	0.8591	0.4615	
SR	1.4557	1	1.4557	0.0153	0.9017	
FR	351.0718	3	117.0239	1.2288	0.2976	
ERROR	334939.2843	3516	95.2344			
CSF	184.0012	3	61.3337	0.6438	0.5867	
CSR	288.5160	1	288.5160	3.0283	0.0821	
CFR	105.7625	3	35.2542	0.3700	0.7743	
SFR	217.3553	3	72.4518	0.7605	0.5159	
ERROR	334123.9227	3506	95.2735			
CSFR	376.0813	3	125.3604	1.3162	0.2673	
ERROR	333747.8414	3503	95.2477			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 11, 1967

TABLE 242

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		9360204.6689	3515				
MEAN		8992066.9052	1				
ERROR		368137.7637	3514	8992066.9052 104.7334	85856.6875	0.0000	
CUR		25230.3696	1	25230.3696	280.9421	0.0000	
SEX		6475.5341	1	6475.5341	72.1056	0.0000	
F.ED		8814.6040	3	2938.2013	32.7171	0.0000	
RACE		517.8629	1	517.8629	5.7664	0.0164	
ERROR		315129.9687	3508	89.8062			
CS		1580.4920	1	1580.4920	17.7117	0.0001	
CF		263.3378	3	87.7793	0.9837	0.3993	
CR		174.5791	1	174.5791	1.9564	0.1621	
SF		290.6811	3	96.8937	1.0858	0.3537	
SR		0.4481	1	0.4481	0.0050	0.9435	
FR		401.6978	3	133.8993	1.5005	0.2124	
ERROR		312051.9885	3496	89.2342			
CSF		228.8501	3	76.2834	0.8540	0.4642	
CSR		0.8975	1	0.8975	0.0100	0.9202	
CFR		71.6799	3	23.8933	0.2675	0.8487	
SFR		248.9206	3	82.9735	0.9289	0.4257	
ERROR		311459.1721	3486	89.3201			
CSFR		86.9113	3	28.9704	0.3242	0.8079	
ERROR		311372.2608	3483	89.3721			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 243

BEQ SCALE 7 (MUSICAL ACTIVITIES), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1573	53.46	9.13	39.10	81.99	72.25	66.91	58.02	49.12	43.78
NON-ACADEMIC		1436	47.84	7.34	39.10	86.39	71.55	66.14	57.12	48.11	42.70
MALES		1401	49.45	8.40	39.10	81.99	71.71	66.28	57.22	48.16	42.72
FEMALES		1608	51.93	8.94	39.10	86.39	72.00	66.52	57.38	48.24	42.75
ELEM F.ED.		861	48.33	8.00	39.10	86.39	71.64	66.21	57.17	48.14	42.71
HS F.ED.		819	49.80	8.21	39.10	81.99	71.69	66.26	57.20	48.15	42.72
COLL F.ED.		1115	53.90	9.11	39.10	80.71	72.18	66.67	57.48	48.29	42.77
D.K.F.ED.		214	48.11	7.26	39.10	76.22	71.86	66.40	57.30	48.20	42.74
BLACK		329	49.71	7.62	39.10	78.33	72.10	66.60	57.43	48.27	42.76
WHITE		2680	50.91	8.91	39.10	86.39	71.84	66.38	57.29	48.19	42.73
NOT IN SAMPLE		749	49.43	8.24	39.10	79.94	71.87	66.40	57.30	48.20	42.74

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	11	52.76	11.68	40.22	78.33	74.65	68.91	59.35	49.78	44.05
A	M ELEM W	140	49.58	8.70	39.10	77.41	71.64	66.22	57.18	48.14	42.71
A	M HS B	18	53.16	7.03	43.71	71.53	71.53	67.18	59.35	51.53	46.84
A	M HS W	201	50.07	8.04	39.10	81.99	71.57	66.16	57.14	48.12	42.70
A	M COLL B	17	52.63	7.29	41.28	66.08	66.08	66.08	59.13	50.21	44.85
A	M COLL W	367	52.93	9.33	39.10	78.53	72.04	66.55	57.40	48.25	42.76
A	M D.K. B	4	48.66	8.15	41.38	59.45	*	*	*	*	*
A	M D.K. W	17	46.64	6.77	39.10	66.15	66.15	66.02	57.05	48.07	42.69
A	F ELEM B	23	52.78	10.30	39.10	75.05	72.88	67.25	57.86	48.48	42.85
A	F ELEM W	116	52.38	7.83	39.10	72.94	71.51	66.27	57.55	48.82	43.59
A	F HS B	18	52.19	7.50	42.51	80.83	63.79	63.79	58.75	50.63	45.76
A	F HS W	169	54.16	9.18	40.19	80.83	72.28	66.93	58.02	49.10	43.76
A	F COLL B	8	58.97	10.08	45.75	76.47	76.47	73.96	64.55	55.15	49.51
A	F COLL W	422	57.33	8.70	40.22	80.71	72.76	67.33	58.30	49.26	43.84
A	F D.K. B	9	50.19	7.49	40.22	60.59	60.59	60.59	60.59	52.93	47.10
A	F D.K. W	33	52.67	7.67	39.10	67.25	67.25	66.02	57.05	48.07	42.69
N	M ELEM B	41	46.40	4.70	39.10	58.34	58.34	58.34	57.05	48.07	42.69
N	M ELEM W	194	45.54	6.64	39.10	73.90	71.41	66.02	57.05	48.07	42.69
N	M HS B	34	49.62	6.87	39.10	66.03	66.03	66.02	57.05	48.07	42.69
N	M HS W	151	47.31	7.36	39.10	75.01	71.63	66.20	57.17	48.13	42.71
N	N COLL B	16	49.09	6.66	40.19	60.41	60.41	60.41	58.10	49.64	44.57
N	M COLL W	122	48.44	7.38	39.10	69.32	69.32	66.02	57.05	48.07	42.69
N	M D.K. B	13	44.71	4.43	39.10	51.45	51.45	51.45	51.45	48.07	42.69
N	M D.K. W	55	46.97	7.52	39.10	76.22	72.01	66.52	57.38	48.24	42.75
N	F ELEM B	59	49.37	7.19	39.10	73.10	71.41	66.02	57.05	48.07	42.69
N	F ELEM W	277	47.46	7.76	39.10	86.39	71.76	66.32	57.24	48.17	42.73
N	F HS B	33	47.91	6.53	39.10	63.98	63.98	63.98	57.05	48.07	42.69
N	F HS W	195	47.50	7.02	39.10	76.14	71.58	66.16	57.14	48.12	42.71
N	F COLL B	7	51.87	7.17	43.57	62.48	62.48	62.48	59.28	51.42	46.71
N	F COLL W	156	51.61	7.68	39.10	69.29	69.29	66.02	57.05	48.07	42.69
N	F D.K. B	18	46.63	6.64	40.19	62.56	62.56	62.56	57.60	48.89	43.67
N	F D.K. W	65	47.92	6.71	39.10	71.82	71.41	66.02	57.05	48.07	42.69
TOTAL		3009	50.78	8.78	39.10	86.39	71.82	66.37	57.28	48.19	42.73

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 244

BEQ SCALE 7 (MUSICAL ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1573	0.74	7.49	-24.15	32.15	-8.87	-3.58	0.27	5.47	10.40
NON-ACADEMIC		1436	-1.15	6.82	-26.61	22.68	-10.32	-4.47	-0.85	2.06	7.44
MALES		1401	0.32	7.24	-26.61	27.52	-8.94	-3.45	-0.03	3.66	9.92
FEMALES		1608	-0.58	7.21	-26.54	32.15	-10.33	-4.57	-0.60	3.37	8.94
ELEM F.ED.		861	-0.52	6.67	-24.30	32.15	-9.10	-3.85	-0.42	2.68	7.68
HS F.ED.		819	-0.20	7.38	-26.61	25.34	-10.12	-4.12	-0.38	3.59	10.06
COLL F.ED.		1115	0.22	7.52	-24.30	27.44	-9.48	-4.05	-0.27	4.45	9.95
D.K.F.ED.		214	-0.61	7.34	-26.54	20.38	-10.46	-3.76	0.09	3.21	7.94
BLACK		329	-1.13	8.02	-26.61	20.23	-11.88	-5.58	-1.02	3.43	10.14
WHITE		2680	-0.04	7.13	-26.54	32.15	-9.26	-3.85	-0.25	3.52	9.24
NOT IN SAMPLE		749	0.44	7.31	-26.61	27.52	-8.59	-3.31	0.44	3.65	9.35

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	11	-0.67	7.90	-12.66	10.76	-9.93	-8.83	2.33	6.25	7.90
A	M	ELEM	M	140	0.82	6.51	-12.73	27.52	-6.00	-2.92	0.10	4.00	9.33
A	M	HS	B	18	0.63	8.78	-17.29	17.91	-15.23	-3.00	1.00	6.50	10.40
A	M	HS	M	201	1.53	7.29	-21.98	22.61	-5.87	-2.76	0.58	5.25	11.65
A	M	COLL	B	17	-4.34	10.65	-21.98	20.23	-15.00	-13.50	-5.00	3.50	8.60
A	M	COLL	M	367	1.46	7.27	-19.46	27.44	-6.29	-2.81	0.40	5.36	11.06
A	M	D.K.	B	4	-1.00	9.95	-10.27	10.83	*	*	*	*	*
A	M	D.K.	M	17	2.71	4.75	-5.65	15.60	-2.60	0.36	1.57	3.83	8.60
A	F	ELEM	B	23	-1.49	6.44	-14.62	8.65	-10.70	-8.17	-1.00	2.50	7.40
A	F	ELEM	M	116	0.89	7.76	-19.60	32.15	-7.54	-3.60	0.25	6.00	9.76
A	F	HS	B	18	0.86	8.31	-12.66	13.49	-12.20	-7.00	1.50	8.33	10.40
A	F	HS	M	169	-0.17	7.54	-24.15	25.34	-10.62	-4.54	0.04	3.80	9.44
A	F	COLL	B	8	1.25	9.94	-12.59	15.80	-12.40	-6.00	1.00	6.00	15.16
A	F	COLL	M	422	0.48	7.54	-19.60	22.75	-10.18	-4.20	-0.07	6.52	10.44
A	F	D.K.	B	9	-0.68	11.51	-19.60	10.97	-17.53	-7.50	3.00	5.75	10.97
A	F	D.K.	M	33	-0.97	8.51	-19.67	13.15	-13.40	-5.38	0.20	6.30	9.40
N	M	ELEM	B	41	-0.16	7.85	-17.35	13.29	-9.90	-4.38	-0.17	3.83	11.90
N	M	ELEM	M	194	-1.22	6.23	-24.30	15.60	-9.60	-3.74	-0.61	1.83	4.80
N	M	HS	B	34	-0.61	9.55	-26.61	15.60	-13.20	-3.86	-1.20	6.50	12.40
N	M	HS	M	151	-0.78	7.22	-24.23	15.67	-10.63	-4.38	-0.50	3.17	8.63
N	M	COLL	B	16	-2.57	7.83	-14.91	15.46	-12.80	-8.00	-2.00	1.00	8.80
N	M	COLL	M	122	-0.66	6.40	-14.84	20.36	-8.60	-4.38	-0.82	1.87	8.60
N	M	D.K.	B	13	-1.98	6.34	-17.35	8.31	-11.40	-3.50	-0.33	1.10	1.88
N	M	D.K.	M	55	0.83	8.15	-21.98	20.38	-11.50	-2.13	0.92	5.30	10.50
N	F	ELEM	B	59	-1.34	7.09	-19.67	15.74	-9.40	-4.85	-1.58	1.75	9.05
N	F	ELEM	M	277	-1.08	6.11	-17.35	22.68	-9.33	-4.29	-0.47	1.86	6.47
N	F	HS	B	33	-0.79	7.92	-15.04	15.60	-11.70	-5.75	-1.67	4.75	10.85
N	F	HS	M	195	-1.55	6.41	-19.46	15.60	-10.33	-4.94	-1.47	1.74	6.33
N	F	COLL	B	7	-1.89	8.44	-19.67	6.27	-16.40	-2.50	-0.50	2.50	6.27
N	F	COLL	M	156	-1.88	7.63	-24.30	20.44	-12.11	-5.60	-1.33	2.59	6.40
N	F	D.K.	B	18	-3.91	4.75	-17.35	3.61	-9.20	-5.50	-3.14	-1.00	1.47
N	F	D.K.	M	65	-1.28	6.16	-26.54	10.76	-8.50	-3.68	-1.10	1.95	5.67
TOTAL		3009	-0.16	7.24	-26.61	32.15	-9.69	-3.97	-0.32	3.52	9.35		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
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 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

BEQ SCALE 7 (MUSICAL ACTIVITIES), 0 ORDER TREND

TABLE 245

***** ANALYSIS OF VARIANCE TABLE *****

DEPENDENT VARIABLE

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7989950.5525	3008			
MEAN	7757888.1711	1	7757888.1711	100557.9375	0.0000
ERROR	232062.3813	3007	77.1484		
CUR	14234.8923	1	14234.8923	219.5844	0.0000
SEX	5820.2545	1	5820.2545	89.7820	0.0000
F-ED	7872.6576	3	2624.2192	40.4806	0.0000
RACE	172.7961	1	172.7961	2.6655	0.1029
ERROR	194609.1521	3001	64.8265		
CS	601.5043	1	601.5043	9.3341	0.0024
CF	186.0295	3	62.0098	0.9623	0.4096
CR	4.9095	1	4.9095	0.0762	0.7826
SF	374.2967	3	124.7656	1.9361	0.1216
SR	54.6310	1	54.6310	0.8478	0.3575
FR	244.8555	3	81.6185	1.2665	0.2842
ERROR	192681.1218	2989	64.4419		
CSF	316.9904	3	105.6635	1.6395	0.1782
CSR	105.3628	1	105.3628	1.6348	0.2014
CFR	25.7247	3	8.5749	0.1331	0.9404
SFR	163.2040	3	54.4013	0.8441	0.4695
ERROR	192056.8791	2979	64.4486		
CSFR	81.6622	3	27.2207	0.4221	0.7369
ERROR	191975.2170	2976	64.4861		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F-ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

BEO SCALE 7 (MUSICAL ACTIVITIES), 1ST ORDER TREND

TABLE 246

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		157672.9829	3008				
MEAN		79.3481	1	79.3481	1.5145	0.2189	
ERROR		157593.6348	3007	52.3915			
SEX		2131.0675	1	2131.0675	41.4602	0.0000	
F-ED		479.2882	1	479.2882	9.3246	0.0024	
RACE		3.4321	3	1.1440	0.0223	0.9955	
ERROR		143.9837	1	143.9837	2.8012	0.0943	
		154303.6798	3001	51.4003			
CS		4.4833	1	4.4833	0.0873	0.7677	
CF		25.4071	3	8.4690	0.1649	0.9200	
CR		94.1240	1	94.1240	1.8331	0.1762	
SF		238.8949	3	79.6316	1.5509	0.1994	
SR		32.2681	1	32.2681	0.6284	0.4281	
FR		285.9407	3	95.3136	1.8563	0.1349	
ERROR		153525.9773	2989	51.3465			
CSF		54.8694	3	18.2898	0.3561	0.7848	
CSR		50.2416	1	50.2416	0.9781	0.3230	
CFR		104.8774	3	34.9591	0.6806	0.5637	
SFR		189.1525	3	63.0508	1.2274	0.2981	
ERROR		153076.9228	2979	51.3681			
CSFR		37.0412	3	12.3471	0.2402	0.8684	
ERROR		153039.8816	2976	51.4074			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 247

BEO SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	48.91	9.42	25.67	78.28	36.94	40.86	48.50	55.70	61.42
NON-ACADEMIC		1546	50.57	10.04	25.67	78.28	37.23	41.94	50.17	58.41	62.92
MALES		1507	48.10	9.64	25.67	78.28	35.13	40.14	48.02	54.10	61.13
FEMALES		1711	51.12	9.65	25.67	78.28	38.11	42.80	50.54	58.76	62.72
ELEM F.ED.		928	49.95	10.03	25.67	78.28	36.71	41.40	49.50	58.14	62.38
HS F.ED.		844	50.14	9.73	25.67	78.28	37.67	41.55	49.79	57.75	62.31
COLL F.ED.		1129	49.01	9.35	28.96	78.28	37.00	41.04	48.55	55.71	61.38
D.K.F.ED.		317	50.31	10.35	25.67	78.28	36.30	41.49	50.04	57.87	62.62
BLACK		368	52.05	10.37	28.96	74.99	38.03	43.25	51.58	59.73	66.34
WHITE		2850	49.40	9.64	25.67	78.28	36.86	41.14	49.04	56.87	61.78
NOT IN SAMPLE		3763	50.25	10.20	25.67	78.28	37.27	41.66	49.85	58.15	63.35

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
IGUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	12	45.40	11.48	32.25	68.42	32.25	35.00	43.75	47.50	61.50
A	M ELEM W	149	47.92	10.31	25.67	71.71	34.13	39.54	47.58	56.46	62.30
A	M HS B	18	52.89	11.60	32.25	71.71	38.30	41.00	54.17	60.63	68.00
A	M HS W	210	48.33	9.54	25.67	78.28	36.00	40.41	48.25	54.29	61.10
A	M COLL B	17	50.82	13.95	32.25	71.71	32.25	39.06	48.75	61.87	69.67
A	M COLL W	370	47.16	8.72	28.96	68.42	35.36	40.03	46.81	51.81	60.11
A	M D.K. B	9	50.88	7.17	35.54	58.55	37.00	48.13	53.13	55.94	58.00
A	M D.K. W	34	47.53	10.67	28.96	78.28	34.83	39.44	47.50	52.22	59.00
A	F ELEM B	27	54.31	8.20	38.83	65.13	41.50	47.50	57.50	60.50	62.30
A	F ELEM W	138	50.19	9.78	25.67	78.28	38.18	41.88	49.00	57.32	62.67
A	F HS B	18	55.08	8.62	42.11	68.42	42.11	48.00	52.50	61.88	66.17
A	F HS W	176	50.11	9.03	32.25	71.71	37.79	42.50	49.83	57.50	61.76
A	F COLL B	9	51.25	7.49	38.83	58.55	39.75	43.75	51.25	58.55	58.55
A	F COLL W	427	49.24	9.08	28.96	74.99	37.75	41.12	48.81	55.89	61.03
A	F D.K. B	10	51.32	4.60	45.40	58.55	45.40	47.92	50.00	52.08	58.55
A	F D.K. W	51	50.17	9.54	32.25	74.99	38.05	41.86	50.00	57.64	61.89
N	M ELEM B	41	50.70	10.13	32.25	74.99	37.57	41.96	50.00	56.61	62.40
N	M ELEM W	212	47.45	9.85	25.67	71.71	33.57	39.58	47.95	53.03	60.58
N	M HS B	34	48.50	7.33	32.25	61.84	38.50	42.14	49.17	54.06	57.25
N	M HS W	158	48.71	9.77	25.67	71.71	36.75	40.38	48.60	54.84	61.50
N	M COLL B	16	51.16	11.67	35.54	71.71	36.75	41.25	47.50	62.50	68.50
N	M COLL W	126	48.85	8.94	28.96	68.42	36.00	42.08	49.07	54.84	60.75
N	M D.K. B	28	51.39	11.22	28.96	71.71	32.17	42.50	51.07	57.50	69.00
N	M D.K. W	73	46.80	10.07	25.67	71.71	34.00	38.36	45.00	55.25	60.61
N	F ELEM B	61	53.76	9.73	32.25	71.71	40.06	45.78	52.86	61.48	66.81
N	F ELEM W	291	51.64	9.61	25.67	71.71	38.04	43.93	51.29	59.42	62.49
N	F HS B	33	54.87	12.21	32.25	71.71	35.75	43.75	58.33	63.75	69.75
N	F HS W	197	52.03	9.69	32.25	68.42	38.31	43.88	51.73	59.63	64.15
N	F COLL B	7	59.02	5.17	51.98	68.42	51.98	56.25	59.38	61.56	63.42
N	F COLL W	157	51.87	10.18	32.25	78.28	37.92	43.69	51.02	59.49	65.19
N	F D.K. B	31	50.92	12.40	28.96	74.99	42.67	39.69	51.87	59.58	67.33
N	F D.K. W	81	53.93	9.60	32.25	71.71	41.14	46.77	52.75	60.49	67.40
TOTAL		3213	49.71	9.76	25.67	78.28	37.08	41.31	49.28	57.40	62.05

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 248

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1779	48.69	9.55	20.36	72.77	34.80	42.73	49.31	55.98	61.44
NON-ACADEMIC		1735	50.87	9.99	20.36	72.77	35.91	44.18	52.82	57.88	64.24
MALES		1660	47.24	10.14	20.36	72.77	33.50	39.65	47.10	55.18	60.86
FEMALES		1884	52.00	9.99	23.63	72.77	38.88	45.58	53.61	58.48	64.12
ELEM F.ED.		982	50.36	9.82	20.36	72.77	35.86	43.74	52.27	57.16	63.60
HS F.ED.		936	50.28	9.83	20.36	72.77	35.70	43.87	52.65	57.08	63.65
COLL F.ED.		1220	48.83	9.59	20.36	72.77	34.66	42.80	49.49	56.13	61.50
D.K.F.ED.		406	50.03	10.39	20.36	72.77	35.34	43.25	51.33	57.37	64.50
BLACK		571	51.33	10.21	20.36	72.77	36.36	44.07	52.94	59.46	65.19
WHITE		2973	49.47	9.73	20.36	72.77	35.12	43.23	50.98	56.55	62.40
NOT IN SAMPLE		4840	50.17	10.12	20.36	75.39	35.98	43.63	51.54	57.24	63.85

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	17	46.21	9.87	33.46	62.94	34.63	37.92	45.00	53.75	62.94
A	M	151	47.35	9.90	23.63	72.77	34.11	40.55	46.64	55.48	60.64
A	M	30	49.58	12.19	20.36	69.49	33.75	39.38	50.83	60.42	65.00
A	M	219	47.91	9.64	23.63	69.49	34.20	40.96	49.06	55.54	60.39
A	M	20	49.13	9.01	30.18	66.22	37.50	43.50	48.75	55.83	60.83
A	M	395	45.38	9.24	20.36	69.49	32.70	37.59	45.49	53.54	56.90
A	M	15	48.53	10.49	30.18	72.77	35.00	41.88	46.88	55.75	60.00
A	M	37	46.47	10.49	26.91	66.22	32.00	38.12	45.91	54.84	62.87
A	F	36	52.11	8.78	23.63	66.22	40.17	45.36	53.93	57.14	64.93
A	F	126	51.22	9.29	23.63	67.49	37.83	44.52	52.91	57.16	64.50
A	F	27	54.45	9.74	26.91	66.22	39.63	51.87	56.56	62.68	65.57
A	F	180	50.11	8.58	23.63	66.22	39.00	44.83	51.73	56.23	60.92
A	F	13	56.64	9.21	33.46	66.22	44.00	52.92	58.75	64.25	66.20
A	F	445	50.10	8.95	23.63	69.49	36.76	44.10	51.47	56.88	61.73
A	F	13	54.63	9.70	36.74	72.77	43.25	48.13	55.00	63.75	67.00
A	F	55	50.25	8.71	30.18	69.49	37.00	44.22	51.75	56.33	63.75
A	F	55	48.51	9.22	33.46	72.77	35.25	42.75	47.33	55.45	60.62
N	M	219	47.80	10.58	20.36	72.77	32.95	40.63	48.10	55.75	61.39
N	M	50	48.91	11.85	26.91	72.77	33.75	39.00	50.00	56.87	66.25
N	M	163	48.33	10.64	23.63	72.77	33.87	41.37	49.62	55.75	63.88
N	M	21	48.20	11.06	30.18	62.94	32.67	38.12	50.00	57.25	62.94
N	M	136	47.38	10.56	20.36	72.77	32.92	39.00	47.92	55.11	63.36
N	M	50	47.91	9.63	20.36	66.22	36.25	41.56	48.50	55.00	61.25
N	M	82	46.82	11.49	20.36	72.77	33.05	38.75	45.92	55.62	63.17
N	F	85	53.99	9.08	30.18	72.77	43.28	47.27	54.22	61.63	66.00
N	F	293	52.76	8.81	26.91	72.77	38.93	46.56	54.25	59.10	64.22
N	F	56	54.70	9.09	30.18	70.04	42.83	47.50	55.44	62.88	66.12
N	F	211	53.09	8.52	30.18	69.49	40.46	47.45	54.67	59.90	64.42
N	F	20	57.05	9.12	36.74	66.22	44.17	50.00	60.00	64.72	66.22
N	F	170	53.11	7.84	33.46	69.49	42.50	47.05	54.40	58.17	63.33
N	F	63	51.08	10.36	30.18	72.77	35.57	43.84	52.71	59.86	65.11
N	F	91	54.28	9.21	26.91	72.77	42.55	49.20	55.27	61.77	65.63
TOTAL		4840	49.17	9.83	20.36	72.77	35.31	43.35	51.35	56.82	63.10

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of cases for

SCAT School College

S.D. standard deviation

STEP Sequen Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 249
BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1793	48.93	9.21	19.47	73.39	36.32	43.33	48.77	55.69	61.88
NON-ACADEMIC		1727	51.26	10.01	19.47	74.51	37.26	44.49	52.72	57.87	64.82
MALES		1646	48.16	9.70	19.47	73.39	35.17	42.64	47.50	55.37	61.72
FEMALES		1874	51.75	9.35	22.84	74.51	38.95	45.16	52.99	57.76	64.61
ELEM F.ED.		1054	50.74	10.04	19.47	73.39	36.41	44.06	52.50	57.42	64.37
HS F.ED.		962	50.83	9.84	22.84	74.51	37.44	44.28	52.50	57.16	64.42
COLL F.ED.		1237	48.97	9.03	19.47	73.39	36.65	43.43	48.83	55.52	61.55
D.K. F.ED.		267	49.81	10.13	22.84	70.02	36.35	43.16	50.38	56.69	64.16
BLACK		513	51.06	10.49	22.84	73.39	36.38	44.21	52.60	58.23	64.98
WHITE		3007	49.90	9.53	19.47	74.51	36.77	43.75	50.47	56.49	63.34
NOT IN SAMPLE		3364	49.92	10.33	19.47	73.39	35.74	43.45	50.77	57.03	64.03

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F.ED RACE											
A M ELEM B		18	47.37	11.66	29.58	66.65	33.83	40.00	45.36	55.00	65.25
A M ELEM W		161	48.17	10.20	19.47	73.39	34.77	43.05	47.24	55.46	62.00
A M HS B		30	48.41	11.01	29.58	66.65	33.33	37.08	50.00	56.43	63.75
A M HS W		228	49.09	8.92	22.84	70.02	37.10	43.46	50.76	55.81	60.57
A M COLL B		20	49.29	11.89	26.21	70.02	32.50	42.50	50.00	56.50	67.50
A M COLL W		398	46.65	8.46	22.84	66.65	35.40	41.70	46.30	53.08	57.96
A M D.K. B		6	44.18	11.01	32.95	59.91	34.00	36.25	42.50	55.00	59.50
A M D.K. W		21	48.98	8.40	31.27	63.28	37.75	43.54	48.33	55.25	62.00
A F ELEM B		37	52.35	8.97	32.95	66.65	41.00	45.78	52.81	60.42	65.19
A F ELEM W		147	50.95	9.97	26.21	70.58	36.32	44.31	53.22	57.31	64.39
A F HS B		27	51.15	9.05	32.95	73.39	40.33	44.46	52.78	56.53	63.25
A F HS W		187	50.91	9.12	26.21	70.02	39.64	44.81	51.63	56.99	63.76
A F COLL B		15	50.70	10.15	32.95	66.65	36.25	43.75	53.13	58.12	63.75
A F COLL W		449	49.28	8.66	26.21	73.39	37.03	43.76	49.25	55.53	60.99
A F D.K. B		11	52.25	11.78	26.21	66.65	38.00	46.25	55.00	62.92	65.67
A F D.K. W		38	48.47	8.31	32.95	66.65	39.00	43.08	46.73	55.00	60.50
N M ELEM B		55	49.10	12.16	22.84	73.39	33.00	42.79	50.00	57.66	63.12
N M ELEM W		240	48.86	10.01	26.21	73.39	35.40	42.68	48.67	56.13	63.70
N M HS B		50	49.35	11.31	26.21	73.39	32.50	43.18	50.50	57.27	61.87
N M HS W		171	48.44	9.91	26.21	70.02	35.31	42.17	47.33	55.74	63.09
N M COLL B		21	50.60	9.82	26.21	66.65	35.25	45.31	51.88	56.46	62.25
N M COLL W		141	48.26	9.55	19.47	70.02	35.55	42.83	48.26	55.22	61.89
N M D.K. B		23	53.17	9.48	36.32	70.02	39.00	47.08	53.33	60.75	65.33
N M D.K. W		63	46.09	10.56	26.21	70.02	33.78	39.46	45.88	53.07	57.36
N F ELEM B		87	52.01	9.77	29.58	70.02	39.75	45.07	52.63	60.31	65.47
N F ELEM W		309	53.38	9.00	29.58	73.39	39.72	47.02	54.61	59.77	64.84
N F HS B		56	53.35	9.50	32.95	70.02	42.00	46.14	53.57	62.50	65.73
N F HS W		213	54.53	9.90	29.58	74.51	42.06	47.95	55.18	62.72	66.71
N F COLL B		22	57.08	9.47	39.69	73.39	43.00	52.86	56.79	65.00	69.50
N F COLL W		171	52.68	8.35	29.58	73.39	42.97	46.86	53.64	57.57	64.62
N F D.K. B		35	50.38	10.32	22.84	63.28	36.25	42.25	53.08	56.44	63.12
N F D.K. W		70	52.83	9.86	29.58	70.02	38.50	46.56	53.50	60.94	65.58
TOTAL		3520	50.07	9.68	19.47	74.51	36.72	43.81	50.77	56.68	63.67

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 250
BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 7, 1963

***** ANALYSIS OF VARIANCE TABLE *****					DEPENDENT VARIABLE	
1						
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	6257331.2900	3217				
MEAN	7950842.0662	1	7950842.0662	83454.3125	0.0000	A academic
ERROR	306489.2239	3216	95.2718			B black
CUR	1096.0673	1	1096.0673	11.9219	0.0007	BEQ Background and Experience Questionnaire
SEX	7153.8887	1	7153.8887	77.8128	0.0000	COLL college
F.ED	282.1066	3	94.0355	1.0228	0.3813	CF curriculum-father's education interaction
RACE	1672.4701	1	1672.4701	18.1915	0.0001	CR curriculum-race interaction
ERROR	295210.0385	3210	91.9371			CS curriculum-sex interaction
CS	445.4257	1	445.4257	4.8485	0.0278	CUR curriculum
CF	307.5170	3	102.5057	1.1158	0.3413	D.K. respondent did not know
CR	60.4899	1	60.4899	0.6584	0.4172	ELEM elementary school
SF	97.0823	3	32.3609	0.3523	0.7874	F female
SR	0.7422	1	0.7422	0.0081	0.9284	F.ED father's education
FR	128.4733	3	42.8244	0.4661	0.7058	HS high school
ERROR	293887.8345	3198	91.8687			M male
CSF	91.0588	3	30.3529	0.3305	0.8030	MAX maximum
CSR	43.7816	1	43.7816	0.4767	0.4900	MIN minimum
CFR	253.4330	3	84.4777	0.9199	0.4303	N (when in "curriculum"
SFR	654.0648	3	218.0216	2.3740	0.0684	column) non-academic
ERROR	292870.5496	3188	91.8378			N number of cases
CSFR	501.9405	3	167.3135	1.8232	0.1407	NTP number of degrees of freedom
ERROR	292368.6091	3185	91.7667			SCAT School and College Ability Tests

S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 251

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 9, 1965

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL	MEAN	912199.2275	3543				A academic
	ERROR	8779307.8444	1			0.0000	B black
CUR	SEX	342691.3831	3542	8779307.8444	90767.0000		BEQ Background and Experience Questionnaire
	F.ED			96.7235			COLL college
RACE	SEX	2017.0927	1	2017.0927	22.4390	0.0001	CF curriculum-father's education interaction
	ERROR	19105.5165	1	19105.5165	212.5378	0.0000	CR curriculum-race interaction
CS	SEX	660.9634	3	220.3211	2.4509	0.0617	CS curriculum-sex interaction
	ERROR	738.2687	1	738.2687	8.2128	0.0043	CUR curriculum
CF	SEX	317949.0738	3536	89.8923			D.K. respondent did not know
	ERROR						ELEM elementary school
SF	SEX	479.0507	1	479.0507	5.3443	0.0210	F female
	ERROR	133.6556	3	44.5519	0.4970	0.6843	F.ED father's education
SR	SEX	229.9738	1	229.9738	2.5656	0.1096	HS high school
	ERROR	432.9590	3	144.3197	1.6100	0.1845	M male
FR	SEX	45.9360	1	45.9360	0.5125	0.4743	MAX maximum
	ERROR	498.9146	3	166.3049	1.8553	0.1350	MIN minimum
CSF	SEX	315974.8037	3524	89.6383			N (when in "curriculum" column) non-academic
	ERROR						NDF number of degrees of freedom
CSR	SEX	89.0175	3	29.6725	0.3310	0.8027	SCAT School and College Ability Tests
	ERROR	103.8378	1	103.8378	1.1584	0.2820	S.D. standard deviation
CFR	SEX	380.9628	3	126.9876	1.4166	0.2359	STEP Sequential Tests of Educational Progress
	ERROR	320.5106	3	106.8369	1.1918	0.3114	TGI Test of General Information
SFR	SEX	315093.3678	3514	89.6425			W white
	ERROR						* no valid statistic (N < 5)
CSFR	SEX	110.3129	3	36.7710	0.4100	0.7456	
	ERROR	314983.0549	3511	89.6877			

TABLE 252
BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 11, 1967

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F	KEY
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE			
TOTAL MEAN	TOTAL	9154547.5247	3519				
	ERROR	8824709.3157	1	8824709.3157	94149.5625	0.0000	A academic B black BEQ Background and Experience Questionnaire
CUR SEX F.ED RACE	ERROR	329838.2089	3518	93.7307			COLL college CF curriculum-father's education interaction CR curriculum-race interaction CS curriculum-sex interaction
		2805.6335	1	2805.6335	31.5039	0.0001	CUR curriculum
		10809.8969	1	10809.8969	121.3821	0.0000	D.K. respondent did not know
		1468.5025	3	489.5008	5.4965	0.0010	ELEM elementary school
CS CF CR SF SR FR	ERROR	84.3831	1	84.3831	0.9475	0.3305	F female
		312856.1553	3512	89.0567			F.ED father's education
		1069.1177	1	1069.1177	12.0472	0.0006	HS high school
		238.1071	3	79.3690	0.8944	0.4432	M male
CSF CSR CFR SFR	ERROR	3.0327	1	3.0327	0.0342	0.8534	MAX maximum MIN minimum
		48.2698	3	16.0899	0.1813	0.9093	N (when in "curriculum" column) non-academic
		105.5836	1	105.5836	1.1898	0.2757	NDF number of degrees of freedom
		550.3007	3	183.4336	2.0670	0.1025	SCAT School and College Ability Tests
CSFR CSR CFR SFR	ERROR	310693.1161	3500	88.7441			S.D. standard deviation
		236.6492	3	78.8831	0.8889	0.4458	STEP Sequential Tests of Educational Progress
		286.1335	1	286.1335	3.2243	0.0727	TGI Test of General Information
		56.5083	3	18.8361	0.2123	0.8878	W white
CSFR CSR CFR SFR	ERROR	223.2057	3	76.4019	0.8609	0.4603	* no valid statistic (N < 5)
		309801.1016	3490	88.7428			
CSFR CSR CFR SFR	ERROR	657.1105	3	232.3702	2.6221	0.0491	
		309103.9912	3487	88.6193			

TABLE 253
BEO SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), O URDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1576	48.87	7.41	27.39	68.19	64.46	53.93	43.40	37.07	
NON-ACADEMIC		1439	51.13	7.87	28.46	70.43	63.36	51.73	40.10	33.11	
MALES		1402	47.96	7.64	27.39	70.43	63.10	51.20	39.29	32.15	
FEMALES		1613	51.67	7.36	30.68	69.34	63.92	52.84	41.76	35.11	
ELEM F.ED.		863	50.61	7.82	28.48	70.43	63.37	51.74	40.11	33.13	
HS F.ED.		820	50.60	7.90	28.46	68.22	63.36	51.73	40.10	33.11	
COLL F.ED.		1116	48.92	7.33	27.39	69.34	63.10	51.20	39.29	32.15	
D.K.F.ED.		216	50.11	8.01	31.33	68.19	64.21	53.42	42.62	36.15	
BLACK		329	51.91	8.32	29.27	69.34	63.57	52.14	40.70	33.84	
WHITE		2686	49.71	7.61	27.39	70.43	63.10	51.20	39.29	32.15	
NOT IN SAMPLE		750	49.15	7.93	28.46	69.62	63.10	51.20	39.29	32.15	

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM	B	11	47.56	9.60	32.86	63.82	53.93	43.39	37.07
A	M	ELEM	W	140	48.15	7.70	29.52	64.88	52.26	40.89	34.07
A	M	HS	B	18	51.31	10.82	29.27	65.97	52.14	40.70	33.84
A	M	HS	W	201	48.52	7.32	31.77	68.19	53.39	42.58	36.10
A	M	COLL	B	17	49.22	8.94	32.82	64.95	53.91	43.37	37.04
A	M	COLL	W	367	46.41	6.76	27.39	63.78	51.20	39.29	32.15
A	M	D.K.	B	4	48.07	7.51	40.61	*	*	*	*
A	M	D.K.	W	17	46.51	6.75	35.17	55.02	55.02	45.13	39.15
A	F	ELEM	B	23	53.37	7.08	39.51	64.91	57.26	48.38	43.06
A	F	ELEM	W	117	50.95	7.61	30.73	65.99	52.87	41.80	35.16
A	F	HS	B	18	53.41	7.50	36.05	62.77	55.52	45.79	39.95
A	F	HS	W	169	50.38	7.16	30.68	67.10	52.84	41.76	35.11
A	F	COLL	B	8	52.31	7.78	37.27	63.81	56.13	46.70	41.04
A	F	COLL	W	423	49.59	7.18	30.68	67.10	52.84	41.76	35.11
A	F	D.K.	B	9	52.01	4.58	45.96	60.50	60.48	53.22	48.86
A	F	D.K.	W	34	49.88	6.00	37.30	64.84	56.15	46.73	41.07
N	M	ELEM	B	41	49.65	7.85	31.71	67.16	53.36	42.53	36.04
N	M	ELEM	W	194	48.34	8.10	28.48	70.35	51.74	40.11	33.13
N	M	HS	B	34	49.48	8.47	32.86	66.05	53.93	43.40	37.07
N	M	HS	W	151	48.80	7.98	28.46	67.04	51.73	40.10	33.11
N	M	COLL	B	16	50.10	8.90	36.11	64.92	55.55	45.83	40.00
N	M	COLL	W	122	48.50	7.08	30.59	62.68	52.79	41.69	35.03
N	M	D.K.	B	13	51.74	8.47	36.22	62.68	55.61	45.92	40.10
N	M	D.K.	W	56	46.31	8.30	31.83	66.01	53.42	42.62	36.15
N	F	ELEM	B	59	53.69	7.61	36.13	69.28	55.57	45.85	40.02
N	F	ELEM	W	278	52.67	6.93	34.01	68.21	54.51	44.26	38.11
N	F	HS	B	33	55.90	7.70	40.66	68.19	57.83	49.24	44.09
N	F	HS	W	196	53.29	7.57	35.05	68.22	55.01	45.04	39.05
N	F	COLL	B	7	59.07	6.71	49.45	69.34	62.22	55.83	52.00
N	F	COLL	W	156	52.60	6.60	36.15	66.05	55.57	45.86	40.03
N	F	D.K.	B	18	50.48	8.41	32.91	62.69	53.96	43.43	37.12
N	F	D.K.	W	65	53.88	7.53	35.13	68.19	55.07	45.10	39.12
TOTAL		3015	49.95	7.72	27.39	70.43	70.24	63.10	51.20	39.29	32.15

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 254

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1576	0.07	7.32	-29.67	31.42	-9.27	-4.72	0.37	4.51	10.39
NON-ACADEMIC		1439	0.68	8.00	-29.79	24.32	-9.85	-4.92	1.00	5.56	11.67
MALES		1402	0.15	7.83	-29.67	31.42	-9.85	-5.65	0.51	5.06	11.01
FEMALES		1613	0.54	7.50	-29.79	24.38	-9.21	-3.93	0.75	4.90	11.13
ELEM F-ED.		863	0.76	8.07	-29.79	21.42	-9.80	-4.02	1.04	5.50	11.57
HS F-ED.		820	0.55	7.69	-29.67	24.38	-9.39	-4.72	0.91	5.22	11.24
COLL F-ED.		1116	-0.01	7.20	-25.02	19.62	-9.24	-5.03	0.11	4.44	10.35
D.K.F-ED.		216	-0.02	8.07	-22.87	19.67	-10.72	-6.42	0.71	4.90	11.14
BLACK		329	-0.27	8.23	-22.93	21.94	-10.16	-6.25	0.03	4.77	10.96
WHITE		2686	0.44	7.58	-29.79	31.42	-9.44	-4.53	0.71	5.00	11.09
NOT IN SAMPLE		750	0.25	8.25	-25.82	26.71	-10.42	-6.32	0.67	5.53	11.33
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F-ED RACE							10	25	50	75	90
A	M	11	1.39	8.32	-8.80	21.94	-5.90	-4.25	-0.50	4.50	7.80
A	M	140	0.67	8.45	-22.87	31.42	-9.80	-5.50	1.00	5.62	11.11
A	M	18	-1.97	7.73	-15.84	10.32	-15.08	-5.67	-2.00	3.00	10.20
A	M	201	0.26	7.51	-29.67	17.23	-9.25	-3.38	0.84	4.67	10.87
A	M	17	-1.56	9.29	-20.26	12.52	-9.65	-8.38	-4.50	5.50	12.52
A	M	367	-0.25	7.01	-20.48	19.56	-9.33	-5.65	-0.02	4.28	10.24
A	M	4	2.53	4.86	-4.04	7.70	*	*	*	*	*
A	M	17	1.51	8.19	-14.64	14.97	-10.60	-5.50	3.00	6.50	12.60
A	F	23	-0.57	6.90	-20.43	10.26	-9.13	-3.25	0.60	3.50	5.80
A	F	117	0.57	7.34	-15.37	17.35	-8.94	-4.92	0.56	5.12	11.51
A	F	18	-2.83	8.64	-22.75	17.47	-10.40	-8.33	-3.00	1.00	6.40
A	F	169	0.51	7.39	-27.52	24.38	-8.03	-3.96	0.77	4.37	10.31
A	F	8	-0.08	8.10	-10.95	14.91	-10.40	-8.00	0.0	2.00	14.40
A	F	423	0.09	6.66	-18.05	19.56	-8.83	-4.24	0.37	4.24	7.76
A	F	9	0.57	9.73	-22.87	10.32	-15.79	0.17	1.67	3.75	10.32
A	F	34	-1.78	8.86	-20.32	14.85	-13.20	-7.25	-0.67	2.75	12.60
N	M	41	-0.95	9.38	-22.93	15.14	-13.80	-6.75	0.60	6.21	7.97
N	M	194	1.06	8.19	-17.99	24.32	-10.80	-3.50	1.50	5.68	12.13
N	M	34	0.99	8.26	-20.48	17.18	-8.60	-6.20	2.40	6.20	12.40
N	M	151	-0.05	8.06	-18.05	21.83	-10.26	-6.93	-0.47	5.63	11.25
N	M	16	-0.81	8.95	-13.22	17.35	-10.80	-8.00	-2.00	7.00	11.40
N	M	122	-0.02	8.07	-22.75	17.41	-9.76	-6.10	0.31	5.00	11.40
N	M	13	0.11	9.19	-15.55	17.41	-11.70	-7.50	2.60	3.90	7.70
N	M	56	-0.10	7.76	-22.81	12.76	-10.40	-6.00	0.89	4.80	10.96
N	F	59	-0.62	7.82	-22.75	17.35	-9.64	-3.81	-0.33	4.17	10.44
N	F	278	1.32	8.03	-29.79	22.05	-9.24	-3.63	1.46	5.60	12.16
N	F	33	0.89	8.33	-13.34	17.29	-9.88	-3.90	0.50	6.50	13.40
N	F	196	1.75	7.43	-17.93	17.29	-9.10	-2.62	2.13	6.50	11.91
N	F	7	0.97	2.79	-3.80	3.51	-2.60	-0.50	1.50	2.83	3.51
N	F	156	0.47	8.00	-25.02	19.62	-8.98	-3.88	-0.00	4.93	12.11
N	F	18	1.33	8.57	-11.07	17.29	-10.20	-6.50	0.0	5.50	15.23
N	F	65	-0.08	7.63	-18.05	19.67	-9.86	-6.92	0.12	5.06	10.75
TOTAL		3015	0.36	7.66	-29.79	31.42	-9.54	-4.79	0.65	4.98	11.08

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F-ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 255

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	MEAN	7701058.9868	3014			
	ERROR	7521591.7150	1	7521591.7150	126318.6875	0.0000
		179467.2718	3013	59.5446		
CUR	SEX	1945.0338	1	1945.0338	35.6245	0.0000
	F.ED	9896.6253	1	9896.6253	181.2630	0.0000
	RACE	779.5008	3	259.8336	4.7590	0.0027
		796.8000	1	796.8000	14.5939	0.0003
	ERROR	164231.1904	3007	54.5982		
CS	CF	516.5066	1	516.5066	9.4898	0.0022
	CR	264.2376	3	88.0792	1.6183	0.1830
	SF	24.4444	1	24.4444	0.4491	0.5030
	SR	98.1985	3	32.7328	0.6014	0.6139
	FR	3.0473	1	3.0473	0.0560	0.8130
	ERROR	116.3686	2	58.1843	0.7127	0.5441
		163064.0726	2995	54.4273		
CSFR	CSFR	102.9947	3	34.3316	0.6308	0.5950
	CFR	8.2593	1	8.2593	0.1518	0.6970
	SFR	40.1033	3	13.3678	0.2456	0.8645
	ERROR	403.7805	3	134.5935	2.4732	0.0600
		162502.9058	2985	54.4216		
CSFR	ERROR	264.7735	3	88.2578	1.6228	0.1820
		162238.1322	2982	54.3876		

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

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CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 256

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE		
TOTAL MEAN		177086.1553	3014			
	ERROR	393.6144	1	393.6144	6.7142	0.0097
		176692.5410	3013	58.6240		
CUR SEX F-ED RACE		170.9608	1	170.9608	2.9245	0.0873
		97.0743	1	97.0743	1.6606	0.1980
		275.6522	3	91.8841	1.5718	0.1941
	ERROR	243.6070	1	243.6070	4.1673	0.0415
		175839.6736	3007	58.4574		
CS CF CR SF SR FR		110.3939	1	110.3939	1.8860	0.1700
		36.5623	3	12.1874	0.2082	0.8907
		11.3769	1	11.3769	0.1944	0.6595
		140.3274	3	46.7758	0.7991	0.4940
		6.3987	1	6.3987	0.1093	0.7410
	ERROR	210.6050	3	70.2017	1.1994	0.3085
		175361.6962	2995	58.5320		
CSF CSR CFR SFR		103.6819	3	34.5606	0.5898	0.6215
		2.3423	1	2.3423	0.0400	0.8416
		218.4379	3	72.8126	1.2427	0.2926
	ERROR	80.7239	3	26.9080	0.4592	0.7108
		174958.1937	2985	58.5928		
CSFR ERROR		19.6624	3	6.5541	0.1118	0.9534
		174938.5313	2982	58.6452		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F-ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 257

8EQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 7, 1963

CLASSIFICATION		PERCENTILES									
MARGINALS	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
ACADEMIC	1672	49.76	9.79	41.57	89.10	41.57	41.57	45.38	53.19	63.79	
NON-ACADEMIC	1546	49.06	9.56	41.57	89.10	41.57	41.57	44.34	52.02	63.46	
MALES	1507	53.90	11.13	41.57	89.10	41.57	43.26	50.51	60.39	70.29	
FEMALES	1711	45.48	5.84	41.57	89.10	41.57	41.57	42.02	46.68	51.92	
ELEM F.ED.	928	48.58	9.10	41.57	89.10	41.57	41.57	44.14	51.24	61.52	
HS F.ED.	844	49.44	9.36	41.57	89.10	41.57	41.57	45.19	52.92	63.76	
COLL F.ED.	1129	50.07	10.33	41.57	89.10	41.57	41.57	45.34	53.66	65.25	
D.K. F.ED.	317	49.54	9.68	41.57	84.34	41.57	41.57	44.84	53.65	63.15	
BLACK	368	50.17	9.58	41.57	84.34	41.57	41.57	46.38	53.75	63.50	
WHITE	2850	49.33	9.69	41.57	89.10	41.57	41.57	44.73	52.39	63.64	
NOT IN SAMPLE	3703	50.50	10.24	41.57	89.10	41.57	41.57	46.04	55.15	65.64	

CLASSIFICATION		PERCENTILES									
CUR SEX F.ED RACE	N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
A M ELEM B	12	49.49	5.85	41.57	60.58	41.57	43.75	47.50	52.50	57.00	
A M ELEM W	149	51.81	10.12	41.57	84.34	41.57	42.16	48.23	56.09	66.14	
A M HS 8	18	53.45	8.51	41.57	74.84	43.30	46.00	50.50	56.67	65.50	
A M HS W	210	53.11	10.54	41.57	84.34	41.57	42.34	50.07	58.53	68.00	
A M COLL 8	17	55.83	11.02	41.57	64.34	41.57	47.92	54.38	60.42	69.00	
A M COLL W	370	54.89	11.74	41.57	89.10	41.57	43.82	51.30	61.95	72.27	
A M D.K. 8	9	54.24	12.80	41.57	74.84	41.57	43.13	50.00	56.87	74.84	
A M D.K. W	34	57.22	12.63	41.57	84.34	41.57	45.63	54.50	65.00	76.83	
A F ELEM 8	24	48.30	10.00	41.57	79.59	41.57	41.57	43.75	47.50	65.50	
A F ELEM W	138	44.91	5.64	41.57	74.84	41.57	41.57	41.57	41.57	45.69	
A F HS 8	18	46.06	5.28	41.57	55.83	41.57	41.57	43.33	47.08	54.50	
A F HS W	176	45.51	5.43	41.57	74.84	41.57	41.57	42.23	47.03	51.81	
A F COLL 8	9	47.90	5.82	41.57	60.58	41.57	42.81	45.63	49.37	58.00	
A F COLL W	427	45.95	6.17	41.57	89.10	41.57	41.57	42.52	47.12	52.19	
A F D.K. 8	10	45.37	5.39	41.57	55.83	41.57	41.57	41.67	48.75	52.50	
A F D.K. W	51	46.60	6.88	41.57	65.33	41.57	41.57	42.22	49.06	56.58	
N M ELEM 8	41	52.00	10.15	41.57	84.34	41.57	43.13	48.44	56.25	64.87	
N M ELEM W	212	53.81	11.14	41.57	89.10	41.57	42.92	50.44	60.92	69.35	
N M HS 8	34	54.29	9.56	41.57	74.84	41.57	46.00	51.87	58.75	69.00	
N M HS W	158	54.47	10.77	41.57	89.10	41.57	44.07	51.70	62.29	69.67	
N M COLL 8	16	62.06	14.17	41.57	84.34	41.57	50.00	60.00	72.50	83.50	
N M COLL W	126	54.02	12.27	41.57	89.10	41.57	42.42	49.29	61.43	74.00	
N M D.K. 8	28	52.77	9.52	41.57	74.84	41.57	43.75	48.75	60.00	65.50	
N M D.K. W	73	52.57	10.65	41.57	79.59	41.57	41.57	42.75	49.30	52.16	
N F ELEM 8	61	46.48	6.37	41.57	74.84	41.57	41.57	41.57	41.57	45.80	
N F ELEM W	291	44.80	5.12	41.57	70.08	41.57	41.57	41.57	41.57	45.80	
N F HS 8	33	46.75	6.96	41.57	65.33	41.57	41.57	42.35	49.46	56.00	
N F HS W	197	44.56	5.15	41.57	70.08	41.57	41.57	41.57	41.57	45.14	
N F COLL 8	7	46.32	5.49	41.57	55.83	41.57	41.57	41.57	41.57	48.75	
N F COLL W	157	45.17	5.39	41.57	65.33	41.57	41.57	41.57	41.57	46.71	
N F D.K. 8	31	46.63	8.76	41.57	70.08	41.57	41.57	41.57	41.57	46.56	
N F D.K. W	81	45.44	5.10	41.57	65.33	41.57	41.57	41.57	41.57	46.65	
TOTAL	3218	49.42	9.68	41.57	89.10	41.57	41.57	44.91	52.51	63.64	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 258

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1773	49.43	9.77	41.64	88.11	41.64	41.64	44.70	53.03	64.14
NON-ACADEMIC		1751	48.82	9.37	41.64	88.11	41.64	41.64	43.80	52.16	63.55
MALES		1648	54.09	10.89	41.64	88.11	41.64	43.76	50.94	60.91	70.81
FEMALES		1876	44.76	5.24	41.64	78.81	41.64	41.64	41.64	45.47	51.29
ELEM F.ED.		979	48.66	9.41	41.64	88.11	41.64	41.64	43.54	51.61	64.06
HS F.ED.		929	49.11	9.87	41.64	88.11	41.64	41.64	43.94	52.49	63.81
COLL F.ED.		1218	49.25	9.57	41.64	88.11	41.64	41.64	44.48	52.73	64.02
D.K.F.ED.		398	49.92	9.29	41.64	88.11	41.64	41.64	45.95	54.32	62.58
BLACK		561	49.56	9.22	41.64	88.11	41.64	41.64	45.68	53.15	61.49
WHITE		2963	49.04	9.64	41.64	88.11	41.64	41.64	43.92	52.41	64.38
NOT IN SAMPLE		4798	50.64	10.25	41.64	88.11	41.64	41.64	46.08	56.05	66.38
CLASSIFICATION											
ICUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
A M ELEM B		17	52.58	11.26	41.64	78.81	41.64	43.54	47.08	59.37	74.00
A M ELEM W		151	54.08	11.04	41.64	83.46	41.64	43.17	50.43	63.25	70.80
A M HS		30	54.03	11.40	41.64	83.46	41.64	44.06	50.83	59.37	67.50
A M HS W		218	53.69	11.14	41.64	88.11	41.64	43.49	50.43	58.81	71.68
A M COLL B		20	52.56	11.41	41.64	83.46	41.64	43.50	48.75	55.83	62.50
A M COLL W		394	53.94	10.79	41.64	88.11	41.64	43.55	50.98	60.69	70.33
A M D.K.		15	54.03	10.19	41.64	78.17	41.64	44.38	51.67	60.62	70.00
A M D.K. W		37	56.37	12.20	41.64	88.11	42.13	45.42	53.00	62.25	75.75
A F ELEM B		36	46.03	5.98	41.64	60.23	41.64	41.64	42.24	47.50	56.00
A F ELEM W		126	44.65	5.33	41.64	60.23	41.64	41.64	41.64	45.22	50.73
A F HS		25	45.17	5.89	41.64	60.23	41.64	41.64	41.64	46.87	55.00
A F HS W		180	44.38	5.06	41.64	69.52	41.64	41.64	41.64	44.58	50.00
A F COLL B		13	52.01	7.14	41.64	64.88	42.88	45.31	50.00	55.42	64.25
A F COLL W		444	44.79	5.50	41.64	78.81	41.64	41.64	41.64	45.38	51.14
A F D.K.		13	46.29	5.02	41.64	60.23	41.64	41.64	44.29	46.61	51.00
A F D.K. W		54	46.05	5.38	41.64	60.23	41.64	41.64	42.88	48.25	52.30
N M ELEM B		55	51.59	11.20	41.64	88.11	41.64	41.64	47.73	55.75	66.67
N M ELEM W		217	54.21	10.76	41.64	83.46	41.64	43.97	51.02	62.42	70.39
N M HS		48	53.45	10.93	41.64	83.46	41.64	43.86	49.50	59.50	72.83
N M HS W		161	55.06	11.26	41.64	83.46	41.64	44.01	52.40	63.67	71.47
N M COLL B		21	56.30	9.94	41.64	74.17	43.60	46.75	54.38	60.94	74.00
N M COLL W		136	54.49	10.69	41.64	83.46	41.64	44.17	51.41	62.14	70.86
N M D.K.		47	52.64	10.85	41.64	83.46	41.64	42.92	49.25	56.25	69.67
N M D.K. W		81	55.08	9.71	41.64	78.81	41.64	45.97	54.03	61.37	69.95
N F ELEM B		84	46.44	6.07	41.64	70.68	41.64	41.64	43.00	48.75	55.07
N F ELEM W		293	43.66	4.04	41.64	64.88	41.64	41.64	42.17	49.37	55.90
N F HS		56	46.35	6.25	41.64	64.88	41.64	41.64	41.64	43.09	47.69
N F HS W		211	43.39	3.48	41.64	64.88	41.64	41.64	42.05	49.17	57.50
N F COLL B		20	46.99	8.10	41.64	69.52	41.64	41.64	41.64	45.56	50.91
N F COLL W		170	44.62	5.05	41.64	69.52	41.64	41.64	41.64	44.21	47.79
N F D.K.		61	46.99	5.74	41.64	60.23	41.64	41.64	41.64	46.41	53.50
N F D.K. W		90	45.33	5.82	41.64	64.88	41.64	41.64	41.64	46.41	53.50
TOTAL		3224	49.12	9.58	41.64	88.11	41.64	41.64	44.26	56.52	66.86

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 259
BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1790	49.24	9.52	42.16	91.31	42.16	42.16	43.36	51.44	61.68
NON-ACADEMIC		1721	49.32	9.80	42.16	91.31	42.16	42.16	42.94	51.68	62.17
MALES		1641	54.50	11.04	42.16	91.31	42.16	43.18	50.36	59.81	68.87
FEMALES		1870	44.69	4.81	42.16	81.48	42.16	42.16	42.16	44.04	49.40
ELEM F.ED.		1051	49.19	9.22	42.16	86.40	42.16	42.16	43.38	51.65	61.55
HS F.ED.		961	49.33	9.81	42.16	91.31	42.16	42.16	42.99	51.83	62.01
COLL F.ED.		1235	49.46	10.07	42.16	91.31	42.16	42.16	43.08	51.65	62.66
D.K.F.ED.		264	48.56	8.80	42.16	86.40	42.16	42.16	43.20	49.93	60.04
BLACK		513	49.30	9.43	42.16	91.31	42.16	42.16	43.94	51.17	61.12
WHITE		2998	49.27	9.70	42.16	91.31	42.16	42.16	42.99	51.62	62.08
NOT IN SAMPLE		3348	50.76	10.30	42.16	91.31	42.16	42.16	45.16	54.41	64.89

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
COUR SEX F.ED RACE							10	25	50	75	90
A	M	18	51.17	9.87	42.16	71.65	42.16	42.16	47.50	52.00	68.00
A	M	161	53.91	10.40	42.16	86.40	42.16	43.13	49.60	59.54	67.46
A	M	30	54.61	12.63	42.16	81.48	42.16	42.16	47.50	61.87	72.50
A	M	228	53.49	10.55	42.16	91.31	42.16	42.41	49.80	57.24	66.05
A	M	20	55.92	12.10	42.16	76.57	42.16	43.75	50.83	62.50	72.50
A	M	397	53.88	11.40	42.16	91.31	42.16	42.37	49.13	58.72	68.53
A	M	6	46.25	3.70	42.16	51.99	42.16	42.16	44.17	46.67	49.50
A	M	20	55.43	9.18	42.16	71.65	42.16	45.00	55.00	60.83	65.00
A	F	37	46.94	6.29	42.16	66.74	42.16	42.16	42.75	47.37	54.67
A	F	146	45.09	4.95	42.16	71.65	42.16	42.16	42.16	45.16	49.81
A	F	27	44.75	3.98	42.16	56.90	42.16	42.16	42.16	45.21	49.67
A	F	187	44.29	4.07	42.16	61.82	42.16	42.16	42.16	42.95	49.06
A	F	15	49.04	6.90	42.16	61.82	42.16	42.16	45.63	51.25	58.75
A	F	449	44.57	4.70	42.16	71.65	42.16	42.16	42.16	43.58	49.13
A	F	11	47.52	7.44	42.16	66.74	42.16	42.16	43.33	48.12	52.25
A	F	38	45.52	4.59	42.16	61.82	42.16	42.16	42.16	46.25	50.17
N	M	55	51.21	8.85	42.16	76.57	42.16	42.72	46.76	54.31	60.62
N	M	239	56.07	10.52	42.16	81.48	42.16	44.97	53.51	61.38	69.57
N	M	50	56.31	13.85	42.16	91.31	42.16	42.16	52.50	62.19	77.50
N	M	171	55.11	10.82	42.16	86.40	42.16	44.29	51.29	60.07	69.53
N	M	21	58.13	11.36	42.16	76.57	42.16	47.81	56.25	66.25	72.33
N	M	141	56.28	11.68	42.16	91.31	42.16	44.71	51.70	62.43	71.58
N	M	23	51.88	9.45	42.16	76.57	42.16	42.16	49.00	55.31	64.25
N	M	61	54.19	11.68	42.16	86.40	42.16	42.16	49.82	59.25	72.00
N	F	87	45.84	5.15	42.16	61.82	42.16	42.16	42.16	46.74	52.18
N	F	308	44.08	4.29	42.16	76.57	42.16	42.16	42.16	42.44	47.30
N	F	55	44.79	4.29	42.16	61.82	42.16	42.16	42.16	45.00	49.62
N	F	212	44.04	3.97	42.16	66.74	42.16	42.16	42.16	42.47	47.17
N	F	24	47.30	9.09	42.16	71.65	42.16	42.16	42.16	48.75	57.00
N	F	170	44.91	6.01	42.16	81.48	42.16	42.16	42.16	43.57	50.15
N	F	35	44.26	2.74	42.16	51.99	42.16	42.16	42.16	44.52	46.54
N	F	70	44.76	5.07	42.16	71.65	42.16	42.16	42.16	44.11	48.75
TOTAL		3511	49.28	9.66	42.16	91.31	42.16	42.16	43.16	51.55	61.94

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 7, 1963

TABLE 260

DEPENDENT VARIABLE		***** ANALYSIS OF		VARIANCE TABLE *****		1	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY	
TOTAL	8161923.6924	3217				A	academic
MEAN	7860274.4580	1	7860274.4580	83827.4375	0.0000	B	black
ERROR	301649.2344	3216	93.7673			BEQ	Background and Experience Questionnaire
CUR	5.2552	1	5.2552	0.0693	0.7925	COLL	college
SEX	56376.0974	1	56376.0974	743.1362	0.0000	CF	curriculum-father's education interaction
F.ED	927.6580	3	309.2193	4.0761	0.0069	CR	curriculum-race interaction
RACE	324.0304	1	324.0304	4.2715	0.0390	CS	curriculum-sex interaction
ERROR	243594.0473	3210	75.8624			CUR	curriculum
CS	250.0158	1	250.0158	3.3057	0.0691	D.K.	respondent did not know
CF	482.7407	3	160.9136	2.1276	0.0946	ELEM	elementary school
CR	63.6302	1	63.6302	0.8413	0.3591	F	female
SF	310.9601	3	103.6534	1.3705	0.2499	F.ED	father's education
SR	264.4713	1	264.4713	3.4969	0.0616	HS	high school
FR	460.4847	3	153.4949	2.0295	0.1077	M	male
ERROR	241944.4343	3198	75.6313			MAX	maximum
CSF	509.6063	3	169.8688	2.2493	0.0807	MIN	minimum
CSR	32.7496	1	32.7496	0.4337	0.5103	N	(when in "curriculum" column) non-academic
CFR	219.2037	3	73.0679	0.9675	0.4071	N	number of cases
SFR	365.0738	3	121.6913	1.6114	0.1846	NDF	number of degrees of freedom
ERROR	240833.9029	3188	75.5202			SCAT	School and College Ability Tests
CSFR	178.2830	3	59.4277	0.7868	0.5009	S.D.	standard deviation
ERROR	240655.6200	3185	75.5354			STEP	Sequential Tests of Educational Progress
						TGI	Test of General Information
						W	white
						*	no valid statistic (N < 5)

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

BEO SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 9, 1965

TABLE 261

DEPENDENT VARIABLE

***** ANALYSIS OF VARIANCE TABLE *****

1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F KATIO	PROBABILITY OF LARGER F
TOTAL	8827330.7551	3523			
MEAN	8504061.9717	1	8504061.9717	92677.6250	0.0000
ERROR	323268.7834	3522	91.7595		
CUR	9.5109	1	9.5109	0.1359	0.7125
SEX	76226.3699	1	76226.3699	1089.3879	0.0000
F.ED	449.7652	3	149.9217	2.1226	0.0928
RACE	197.5722	1	197.5722	2.8236	0.0934
ERROR	246090.5203	3516	69.9717		
CS	197.6917	1	197.6917	2.8418	0.0922
CF	89.6252	3	29.8751	0.4295	0.7318
CR	3.4159	1	3.4159	0.0491	0.8247
SF	155.8015	3	51.9338	0.7465	0.5240
SR	1652.2516	1	1652.2516	23.7511	0.0001
FR	328.6861	3	109.5620	1.5750	0.1933
ERROR	243826.3238	3504	69.5653		
CSF	105.4558	3	35.1519	0.5043	0.6790
CSR	21.1669	1	21.1669	0.3037	0.5818
CFR	9.0515	3	3.0172	0.0433	0.9882
SFR	47.4342	3	15.8114	0.2268	0.9776
ERROR	243617.9969	3494	69.7047		
CSFR	428.8594	3	142.9531	2.0527	0.1044
ERROR	243189.1377	3491	69.6418		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 262

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 11, 1967

***** ANALYSIS OF VARIANCE TABLE *****						
DEPENDENT VARIABLE	1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F	KEY
TOTAL	8853321.3445	3510				A academic
MEAN	8525990.2294	1		91424.8750	0.0000	B black
ERROR	327331.1151	3509	93.2568			BEQ Background and Experience Questionnaire
CUR	338.5976	1	338.5976	4.8892	0.0272	COLL college
SEX	84433.2194	1	84433.2194	1219.1826	0.0000	CF curriculum-father's education interaction
F.ED	239.8071	3	79.9357	1.1542	0.3258	CR curriculum-race interaction
RACE	63.0429	1	63.0429	0.9103	0.3403	CS curriculum-sex interaction
ERROR	242665.7574	3503	69.2539			CUR curriculum
CS	1051.6765	1	1051.6765	15.3148	0.0002	D.K. respondent did not know
CF	158.5709	3	52.8570	0.7697	0.5107	ELEM elementary school
CR	31.9805	1	31.9805	0.3492	0.5546	F female
SF	230.0619	3	76.6873	1.1167	0.3409	F.ED father's education
SR	811.1832	1	811.1832	11.8127	0.0007	HS high school
FR	786.5050	3	262.1683	3.8178	0.0097	M male
ERROR	239797.3298	3491	68.6705			MAX maximum
CSF	33.5198	3	11.1733	0.1628	0.9212	MIN minimum
CSR	7.3766	1	7.3766	0.1075	0.7431	N (when in "curriculum" column) non-academic
CFR	42.1368	3	14.0456	0.2047	0.8733	N number of cases
SFR	824.0865	3	274.6955	4.0034	0.0075	NDF number of degrees of freedom
ERROR	238917.9859	3481	68.6152			SCAT School and College Ability Tests
CSFR	240.7696	3	80.2565	1.1698	0.3197	S.D. standard deviation
ERROR	238677.2163	3478	68.6051			STEP Sequential Tests of Educational Progress
						TGI Test of General Information
						W white
						* no valid statistic (N < 5)

TABLE 263

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), O ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1569	49.41	8.17	41.79	84.77	72.49	67.90	60.25	52.60	48.02
NON-ACADEMIC		1431	48.92	8.16	41.79	81.37	72.06	67.01	58.61	50.20	45.15
MALES		1393	54.18	8.96	41.79	84.77	72.69	67.54	58.96	50.37	45.22
FEMALES		1607	44.84	3.81	41.79	70.46	70.46	66.70	58.40	50.09	45.11
ELEM F.ED.		860	48.81	7.87	41.79	81.37	72.03	66.99	58.59	50.19	45.15
HS F.ED.		814	49.12	8.16	41.79	84.70	72.05	67.01	58.60	50.20	45.15
COLL F.ED.		1112	49.56	8.47	41.79	84.77	72.17	67.11	58.67	50.23	45.17
D.K.F.ED.		214	48.81	7.74	41.79	76.60	72.81	67.64	59.02	50.41	45.24
BLACK		327	49.48	7.67	41.79	81.46	72.51	67.39	58.86	50.32	45.20
WHITE		2673	49.14	8.23	41.79	84.77	72.10	67.05	58.63	50.21	45.16
NOT IN SAMPLE		746	49.56	8.13	41.79	86.37	72.14	67.08	58.65	50.22	45.16

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	11	51.17	4.76	44.96	59.51	59.51	59.51	59.51	52.47	47.96
A	M ELEM W	140	53.22	8.51	41.79	76.81	72.11	67.06	58.64	50.21	45.16
A	M HS B	18	54.26	7.92	41.79	70.29	70.29	66.95	58.90	50.84	46.01
A	M HS W	200	53.37	8.93	41.79	84.70	72.76	67.60	59.00	50.39	45.23
A	M COLL B	17	53.78	9.76	43.34	81.46	73.70	68.98	61.10	53.22	48.49
A	M COLL W	365	54.31	9.26	41.79	84.77	72.69	67.54	58.96	50.37	45.22
A	M D.K. B	4	52.06	5.81	48.23	60.71	*	*	*	*	*
A	M D.K. W	17	56.10	10.28	43.37	76.60	73.62	68.58	60.17	51.77	46.73
A	F ELEM B	23	47.32	5.40	41.79	59.18	59.18	59.18	58.40	50.09	45.11
A	F ELEM W	116	44.83	4.17	41.79	70.46	70.46	66.70	58.40	50.09	45.11
A	F HS B	17	44.42	2.69	41.79	51.28	51.28	51.28	51.28	50.09	45.11
A	F HS W	169	44.72	3.66	41.79	60.89	60.89	60.89	58.40	50.09	45.11
A	F COLL B	8	51.30	5.36	43.34	60.79	60.79	60.79	59.17	51.26	46.51
A	F COLL W	422	45.06	3.95	41.79	67.19	67.19	66.70	58.40	50.09	45.11
A	F D.K. B	9	46.19	3.60	41.79	52.79	52.79	52.79	52.79	50.09	45.11
A	F D.K. W	33	46.01	3.75	41.79	56.09	56.09	56.09	56.09	50.09	45.11
N	M ELEM B	41	51.56	7.96	41.79	81.37	72.43	67.32	58.81	50.30	45.19
N	M ELEM W	192	54.92	8.97	41.79	78.38	72.80	67.63	59.02	50.40	45.24
N	M HS B	33	54.38	9.66	41.79	80.07	72.61	67.48	58.91	50.35	45.21
N	M HS W	149	54.75	8.44	41.79	75.33	72.08	67.03	58.62	50.20	45.16
N	M COLL B	16	58.32	9.09	43.73	68.98	68.98	67.43	59.86	52.29	47.75
N	M COLL W	122	55.17	9.37	41.79	79.95	72.96	67.76	59.10	50.45	45.25
N	M D.K. B	13	49.98	9.79	41.79	73.57	73.57	68.61	59.67	50.73	45.37
N	M D.K. W	55	54.16	8.64	41.79	75.28	72.23	67.16	58.70	50.25	45.17
N	F ELEM B	59	46.17	3.54	41.79	57.81	57.81	57.81	57.81	50.09	45.11
N	F ELEM W	278	44.23	3.41	41.79	65.86	65.86	65.86	58.40	50.09	45.11
N	F HS B	33	45.38	4.22	41.79	60.73	60.73	60.73	58.40	50.09	45.11
N	F HS W	195	43.97	2.96	41.79	56.18	56.18	56.18	56.18	50.09	45.11
N	F COLL B	7	46.99	7.30	41.79	62.39	62.39	62.39	58.40	50.09	45.11
N	F COLL W	155	44.88	4.00	41.79	62.39	62.39	62.39	58.40	50.09	45.11
N	F D.K. B	18	44.79	4.52	41.79	57.58	57.58	57.58	57.58	50.09	45.11
N	F D.K. W	65	44.85	3.35	41.79	56.03	56.03	56.03	56.03	50.09	45.11
TOTAL		3000	49.18	8.17	41.79	84.77	72.05	67.01	58.60	50.20	45.15

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 . (N < 5)

TABLE 264

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1569	-0.50	6.82	-33.19	31.70	-8.35	-3.66	0.58	2.09	6.97
NON-ACADEMIC		1431	0.13	6.70	-26.24	31.70	-7.75	-3.19	0.83	2.82	7.60
MALES		1393	0.35	8.54	-33.19	31.70	-9.53	-4.36	0.87	5.55	11.14
FEMALES		1607	-0.68	4.68	-26.47	21.50	-7.14	-3.03	0.63	1.67	3.73
ELEM F.ED.		860	0.16	6.26	-26.47	24.98	-7.49	-3.18	0.79	2.50	7.45
HS F.ED.		814	-0.26	6.79	-26.24	31.70	-8.03	-3.41	0.71	2.53	7.22
COLL F.ED.		1112	-0.50	7.17	-33.19	31.70	-8.69	-3.70	0.59	1.99	7.12
D.K.F.ED.		214	0.07	6.50	-23.11	21.50	-7.80	-3.42	0.90	3.65	7.33
BLACK		327	-0.55	6.83	-26.47	21.27	-8.57	-4.56	0.66	2.93	7.07
WHITE		2673	-0.16	6.76	-33.19	31.70	-7.94	-3.39	0.71	2.37	7.29
NOT IN SAMPLE		746	0.49	7.18	-23.00	24.86	-8.37	-3.33	0.87	3.71	10.25

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M ELEM B	11	0.93	8.08	-9.67	14.44	-8.90	-7.25	1.50	6.83	7.93
A	M ELEM W	140	1.10	7.68	-23.11	24.98	-8.25	-3.42	1.03	6.00	11.25
A	M HS B	18	1.67	8.42	-9.67	18.14	-8.20	-5.00	0.67	10.33	14.40
A	M HS W	200	0.03	8.17	-22.87	31.70	-9.40	-3.87	0.79	4.88	10.15
A	M COLL B	17	-0.87	7.96	-13.02	21.27	-9.30	-6.75	0.20	1.90	6.60
A	M COLL W	365	-0.65	8.90	-33.19	28.45	-12.47	-6.26	0.46	4.32	10.42
A	M D.K. B	4	-7.03	8.86	-19.64	0.65	*	*	*	*	*
A	M D.K. W	17	-0.24	7.44	-9.55	14.32	-9.15	-7.50	0.50	4.75	10.60
A	F ELEM B	23	-1.08	7.42	-26.47	11.08	-9.13	-2.83	0.90	2.17	5.40
A	F ELEM W	116	-0.42	3.99	-9.67	10.84	-6.73	-3.00	0.58	1.64	3.85
A	F HS B	17	-1.11	4.97	-9.67	7.48	-8.30	-3.88	0.25	2.38	3.65
A	F HS W	169	-0.80	4.12	-13.02	10.84	-7.12	-3.13	0.55	1.58	3.47
A	F COLL B	8	2.31	5.48	-2.83	14.32	-2.83	-2.00	1.33	5.00	14.32
A	F COLL W	422	-1.06	4.86	-23.11	14.55	-7.37	-3.27	0.51	1.59	3.70
A	F D.K. B	9	0.13	5.23	-6.30	7.37	-6.30	-3.75	0.50	3.50	7.10
A	F D.K. W	33	-1.46	5.55	-13.02	7.37	-8.47	-6.79	0.12	2.30	6.35
N	M ELEM B	41	-0.50	7.05	-12.91	21.27	-9.27	-3.95	0.12	4.25	7.80
N	M ELEM W	192	1.38	8.05	-19.74	21.39	-8.56	-3.52	1.29	6.43	11.55
N	M HS B	33	0.83	8.86	-17.64	15.01	-9.70	-6.38	1.37	6.92	14.47
N	M HS W	149	-0.03	9.24	-26.24	18.26	-13.02	-4.50	1.00	5.85	11.35
N	M COLL B	16	-3.81	7.59	-19.40	11.31	-15.88	-6.00	-4.00	0.67	6.80
N	M COLL W	122	1.75	9.58	-19.64	31.70	-9.30	-4.17	1.47	7.31	14.51
N	M D.K. B	13	1.13	4.24	-6.07	7.95	-3.80	-2.50	1.25	4.75	6.70
N	M D.K. W	55	2.45	8.23	-23.11	21.50	-7.80	-2.50	4.12	7.25	11.67
N	F ELEM B	59	-0.54	6.14	-23.11	13.45	-7.65	-6.05	0.86	2.64	6.07
N	F ELEM W	278	-0.59	4.03	-19.74	14.44	-6.58	-2.73	0.66	1.56	2.86
N	F HS B	33	-1.67	4.68	-9.67	7.37	-8.35	-6.58	0.36	1.54	3.13
N	F HS W	195	-0.30	4.33	-19.74	17.80	-6.07	-2.53	0.74	1.68	3.19
N	F COLL B	7	0.04	2.43	-2.94	4.24	-2.94	-2.25	0.75	1.63	4.24
N	F COLL W	155	-0.17	5.08	-16.38	21.50	-7.42	-2.53	0.81	1.74	5.40
N	F D.K. B	18	-1.59	7.13	-19.74	3.89	-15.47	-2.53	0.11	2.20	3.28
N	F D.K. W	65	-0.41	4.44	-16.38	10.84	-6.71	-2.96	0.63	1.72	4.50
TOTAL		3000	-0.20	6.77	-33.19	31.70	-8.00	-3.45	0.70	2.45	7.26

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 265

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), O ORDER TREND

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		7454770.8772	2999				
MEAN		7254642.8101	1	7254642.8101	108713.6875	0.0000	
ERROR		200128.0671	2998	66.7316			
CUR		28.0031	1	28.0031	0.6219	0.4304	
SEX		64891.7674	1	64891.7674	1441.1230	0.0000	
F.ED		306.9011	3	102.3004	2.2719	0.0783	
RACE		48.0058	1	48.0058	1.0661	0.3020	
ERROR		134770.5817	2992	45.0286			
CS		460.9617	1	460.9617	10.3177	0.0014	
CF		108.7534	3	36.2511	0.8114	0.4873	
CR		1.0884	1	1.0884	0.0244	0.8760	
SF		84.4473	3	28.1491	0.6301	0.5953	
SR		701.8613	1	701.8613	15.7098	0.0001	
FR		451.3316	3	150.4439	3.3674	0.0179	
ERROR		133180.8036	2980	44.6766			
CSF		76.9409	3	25.6470	0.5737	0.6322	
CSR		0.0097	1	0.0097	0.0002	0.9883	
CFR		28.5104	3	9.5035	0.2126	0.8875	
SFR		239.7486	3	79.9162	1.7875	0.1474	
ERROR		132827.6884	2970	44.7081			
CSFR		196.3985	3	65.4662	1.4650	0.2221	
ERROR		132631.2899	2967	44.6871			

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

G17

TABLE 266

BEO SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NOF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL MEAN	TOTAL	137502.1714	2999			
	MEAN	121.5901	1	121.5901	2.6543	0.1036
	ERROR	137380.5813	2998	45.8088		
	CUR	234.8593	1	234.8593	5.1681	0.0232
	SEX	861.9927	1	861.9927	18.9682	0.0001
F.ED	SEX	133.1786	3	44.3929	0.9769	0.4026
	RACE	115.1966	1	115.1966	2.5349	0.1117
	ERROR	136014.3469	2992	45.4442		
	CS	37.7392	1	37.7392	0.8314	0.3621
CF	CF	256.1268	3	85.3756	1.8807	0.1307
	CR	94.5898	1	94.5898	2.0837	0.1493
	SF	128.1135	3	42.7045	0.9407	0.4200
	SR	44.8439	1	44.8439	0.9879	0.3205
	FR	68.7037	3	22.9012	0.5045	0.6790
	ERROR	135322.5556	2980	45.3950		
	CSF	179.8455	3	59.9485	1.3226	0.2652
CSR	CSR	0.4701	1	0.4701	0.0104	0.9189
	CFR	155.4651	3	51.8217	1.1433	0.3302
	SFR	356.8892	3	118.9631	2.6246	0.0489
	ERROR	134664.3221	2970	45.3263		
CSFR	CSFR	151.0698	3	50.3566	1.1111	0.3432
	ERROR	134513.2523	2967	45.3212		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 267

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	49.77	9.96	22.54	74.98	36.79	43.43	50.07	56.72	63.36
NON-ACADEMIC		1546	50.37	9.80	22.54	76.99	37.92	44.01	50.98	57.10	63.90
MALES		1507	51.41	9.68	22.54	76.99	38.99	44.86	52.36	58.01	64.41
FEMALES		1711	48.87	9.92	22.54	74.98	36.07	42.75	49.02	55.99	62.88
ELEM F.ED.		928	50.29	10.07	22.54	76.99	36.73	43.97	50.79	57.29	64.05
HS F.ED.		844	51.16	9.38	22.54	74.98	39.11	44.77	51.88	57.45	63.91
COLL F.ED.		1129	49.09	9.82	22.54	74.98	36.72	42.98	49.26	56.02	62.56
D.K.F.ED.		317	49.89	10.56	22.54	74.98	36.35	42.92	50.24	57.40	64.64
BLACK		368	51.22	9.08	24.55	74.98	39.96	45.09	51.53	57.38	63.56
WHITE		2850	49.91	9.98	22.54	76.99	37.05	43.52	50.35	56.84	63.66
NOT IN SAMPLE		3703	49.95	10.10	22.54	76.99	36.76	43.55	50.38	56.80	63.57

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	ELEM B	12	51.11	8.51	42.71	43.50	45.00	47.50	57.50	62.00
A	M	ELEM W	149	50.69	9.96	24.55	37.45	44.21	51.15	57.16	63.96
A	M	HS B	18	52.79	9.88	30.60	43.30	46.00	53.50	58.75	68.00
A	M	HS W	210	52.84	8.98	30.60	40.94	45.81	53.44	59.49	65.12
A	M	COLL B	17	53.26	7.22	38.67	43.67	47.92	54.00	58.75	62.87
A	M	COLL W	370	50.09	9.83	24.55	36.82	44.05	50.52	56.77	63.04
A	M	D.K. B	9	54.81	8.07	38.67	42.00	48.75	56.25	60.42	62.87
A	M	D.K. W	34	52.02	9.84	34.64	39.25	45.00	52.50	60.62	65.50
A	F	ELEM B	24	52.20	7.53	38.67	43.90	47.50	51.79	58.75	63.50
A	F	ELEM W	138	48.84	10.86	24.55	34.31	42.59	49.00	56.44	63.73
A	F	HS B	18	53.80	7.39	38.67	44.50	49.00	53.75	59.38	63.00
A	F	HS W	176	48.78	9.55	22.54	37.81	42.77	48.91	55.59	61.69
A	F	COLL B	9	56.38	5.50	48.76	49.00	51.25	56.25	60.42	63.00
A	F	COLL W	427	47.62	10.26	22.54	34.59	40.90	47.06	55.20	62.55
A	F	D.K. B	10	47.75	6.60	38.67	40.00	43.00	45.50	53.75	57.50
A	F	D.K. W	51	47.69	10.28	24.55	34.25	39.84	49.09	54.89	62.25
N	M	ELEM B	41	53.33	9.13	36.66	36.66	49.11	54.62	60.25	65.29
N	M	ELEM W	212	51.71	10.44	22.54	37.57	44.68	53.28	59.22	65.55
N	M	HS B	34	54.04	8.23	36.66	43.67	47.92	54.00	59.00	64.50
N	M	HS W	158	52.51	8.90	22.54	42.78	46.48	53.45	58.70	64.32
N	M	COLL B	16	53.29	7.98	38.67	41.50	45.83	55.00	58.75	61.75
N	M	COLL W	126	49.89	9.39	22.54	38.85	43.75	50.23	56.08	62.23
N	M	D.K. B	28	52.21	10.56	28.59	40.50	44.38	50.83	62.50	66.70
N	M	D.K. W	73	50.36	10.82	22.54	38.15	43.25	50.94	58.04	65.11
N	F	ELEM B	61	49.02	9.14	24.55	37.58	43.66	49.37	55.48	60.75
N	F	ELEM W	291	49.38	9.37	22.54	36.61	43.48	49.40	56.59	63.48
N	F	HS B	33	47.35	9.40	30.60	37.75	41.88	46.25	52.29	61.00
N	F	HS W	197	50.18	9.66	24.55	36.42	43.75	51.33	56.76	63.47
N	F	COLL B	7	53.37	8.53	42.71	46.00	48.75	51.67	63.12	65.75
N	F	COLL W	157	48.62	8.84	22.54	38.56	42.82	48.58	54.96	61.15
N	F	D.K. B	31	45.70	9.56	24.55	33.89	40.42	46.56	51.96	57.37
N	F	D.K. W	91	50.47	11.32	22.54	34.73	42.92	52.94	59.87	65.15
TOTAL		3218	50.06	9.89	22.54	76.99	37.42	43.71	50.50	56.90	63.95

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 268

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1779	50.01	9.78	22.48	79.55	36.87	43.38	50.02	56.83	63.71
NON-ACADEMIC		1766	49.78	9.77	22.48	79.55	37.09	43.55	49.74	56.16	63.33
MALES		1661	51.56	9.77	22.48	79.55	38.65	45.34	51.24	58.30	65.03
FEMALES		1884	48.42	9.54	22.48	79.55	35.70	42.01	48.73	54.60	61.84
ELEM F.ED.		982	50.50	9.70	22.48	79.55	38.09	44.20	50.33	56.85	63.90
HS F.ED.		937	50.52	9.51	22.48	77.44	37.80	44.33	50.32	57.19	64.12
COLL F.ED.		1220	49.08	9.35	22.48	79.55	35.85	42.55	49.16	55.68	62.92
D.K.F.ED.		406	49.44	10.13	22.48	79.55	35.62	42.86	49.79	56.21	63.02
BLACK		571	51.14	9.65	22.48	79.55	38.65	44.87	50.59	57.34	64.55
WHITE		2974	49.66	9.78	22.48	79.55	36.63	43.21	49.74	56.31	63.31
NOT IN SAMPLE		4840	50.08	10.17	22.48	79.55	36.11	43.24	50.18	57.21	64.17

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.ED RACE						10	25	50	75	90
A	M ELEM	8	48.22	12.51	28.82	66.87	31.75	36.25	51.25	58.75	63.25
A	M ELEM	W	52.70	9.05	30.94	79.55	41.06	46.53	51.49	58.81	65.13
A	M HS	W	53.41	9.38	37.28	75.32	40.00	46.88	53.75	59.00	65.00
A	M HS	M	53.67	9.61	28.82	75.32	40.59	48.01	53.20	61.51	66.85
A	M COLL	W	50.17	9.91	28.82	66.87	34.17	45.00	50.36	57.50	64.17
A	M COLL	M	50.21	9.75	22.48	75.32	37.67	43.73	50.13	56.86	63.82
A	M D.K.	W	53.34	4.29	43.62	62.64	48.00	50.25	53.44	55.78	57.19
A	M D.K.	M	53.61	8.57	37.28	75.32	40.88	48.19	53.25	58.44	65.37
A	F ELEM	W	53.25	9.11	30.94	68.98	39.00	48.86	53.75	60.83	64.90
A	F ELEM	M	50.06	9.61	22.48	68.98	38.26	43.82	50.14	56.32	64.33
A	F HS	W	51.60	10.21	30.94	77.44	36.75	46.87	50.75	59.37	63.25
A	F HS	M	47.78	9.51	22.48	72.42	34.90	41.39	48.62	54.02	60.74
A	F COLL	W	57.44	8.39	47.84	71.09	48.80	50.75	55.00	60.37	69.25
A	F COLL	M	47.34	9.37	22.48	73.21	34.60	40.58	47.75	53.09	60.59
A	F D.K.	W	53.37	9.03	39.39	66.87	40.75	45.63	53.33	61.25	65.33
A	F D.K.	M	45.35	9.15	28.82	68.98	34.38	37.88	44.75	50.67	60.62
N	M ELEM	W	52.82	11.42	22.48	79.55	39.58	45.89	51.61	59.11	70.00
N	M ELEM	M	51.47	9.99	22.48	75.32	38.79	45.18	51.06	58.34	65.34
N	M HS	W	52.39	8.71	35.16	73.21	43.00	46.75	50.74	56.56	66.25
N	M HS	M	50.74	9.72	24.60	75.32	37.23	44.69	50.98	57.00	64.00
N	M COLL	W	53.28	9.61	39.39	75.32	41.00	45.31	51.88	61.25	65.67
N	M COLL	M	51.83	9.17	26.71	75.32	40.75	46.46	51.53	58.50	64.71
N	M D.K.	W	50.67	9.90	26.71	73.21	38.21	43.57	50.42	57.19	65.36
N	M D.K.	M	49.75	11.00	22.48	79.55	34.50	42.69	50.00	57.31	63.17
N	F ELEM	W	48.89	8.77	24.60	68.98	36.56	43.20	48.94	53.75	61.25
N	F ELEM	M	48.67	9.27	22.48	75.32	36.43	42.53	49.13	54.81	61.60
N	F HS	W	49.50	8.35	33.05	71.09	39.36	43.83	48.50	53.93	63.00
N	F HS	M	48.71	8.56	28.82	68.98	37.86	43.03	48.62	54.51	61.97
N	F COLL	W	53.02	10.25	39.39	71.09	40.83	45.00	50.50	62.50	67.50
N	F COLL	M	47.04	10.49	22.48	79.55	34.17	39.40	47.32	52.64	60.83
N	F D.K.	W	48.61	10.01	24.60	79.55	37.67	42.79	48.59	54.31	60.58
N	F D.K.	M	48.64	10.63	22.48	71.09	33.67	43.12	50.00	56.33	62.00
TOTAL		3545	49.50	9.77	22.48	79.55	36.17	43.47	49.88	56.49	63.53

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 269

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1793	49.62	10.12	24.53	79.74	36.10	43.02	49.34	56.27	63.01
NON-ACADEMIC		1726	49.82	9.73	24.53	79.74	36.53	43.64	49.88	55.95	62.67
MALES		1646	50.80	10.35	24.53	79.74	36.70	44.01	51.14	57.07	64.31
FEMALES		1873	48.77	9.45	24.53	77.69	36.02	42.85	48.31	55.18	61.18
ELEM F.ED.		1054	50.45	9.81	24.53	79.74	37.32	44.12	50.62	56.57	63.05
HS F.ED.		962	50.34	9.83	24.53	79.74	37.74	43.89	49.93	56.36	63.86
COLL F.ED.		1236	48.70	9.86	24.53	77.69	35.22	42.20	48.39	55.49	61.56
D.K.F.ED.		267	49.32	10.68	24.53	79.74	34.79	42.66	49.19	56.18	63.33
BLACK		513	51.90	9.87	24.53	79.74	38.80	45.01	51.94	57.99	65.13
WHITE		3006	49.35	9.90	24.53	79.74	35.97	43.05	49.23	55.82	62.19
NOT IN SAMPLE		3364	50.29	10.07	24.53	79.74	36.85	43.77	50.19	56.61	63.53

KEY

A

academic

B

black

BQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic

(N < 5)

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	18	51.00	8.74	38.84	40.50	43.75	47.50	58.75	64.50
A	M	ELEM	W	161	51.18	9.98	24.53	37.55	45.51	52.42	57.66	62.82
A	M	HS	B	30	52.81	10.73	30.66	40.00	45.42	53.33	61.67	65.83
A	M	HS	W	228	52.35	10.47	24.53	39.00	45.24	52.50	58.70	65.80
A	M	COLL	B	20	51.38	8.89	38.84	40.83	45.00	50.50	56.25	65.00
A	M	COLL	W	398	49.66	10.18	24.53	35.68	42.90	49.72	56.40	62.54
A	M	D.K.	B	6	49.07	8.77	34.75	35.50	43.75	47.50	55.00	72.00
A	M	D.K.	W	21	54.91	13.96	28.62	37.67	43.12	56.25	63.75	72.00
A	F	ELEM	B	37	53.21	11.38	24.53	40.33	44.86	53.75	61.46	66.80
A	F	ELEM	W	147	49.90	9.55	24.53	37.33	43.41	50.08	55.87	62.64
A	F	HS	B	27	53.31	9.95	34.75	41.00	46.25	52.08	62.75	66.80
A	F	HS	W	187	48.45	9.11	26.58	37.65	42.94	47.27	54.40	61.27
A	F	COLL	B	15	52.85	10.41	28.62	40.00	46.88	53.33	60.62	65.00
A	F	COLL	W	449	46.81	9.67	24.53	34.16	39.77	46.08	54.09	59.18
A	F	D.K.	B	11	53.90	9.25	40.89	40.89	46.25	55.00	60.62	64.75
A	F	D.K.	W	38	48.61	8.91	24.53	36.00	43.54	47.50	53.57	58.50
N	M	ELEM	B	55	53.67	11.76	24.53	36.88	45.89	55.00	62.64	67.22
N	M	ELEM	W	240	51.18	10.11	24.53	37.76	44.75	51.46	57.05	64.08
N	M	HS	B	50	52.34	10.62	32.71	36.67	45.00	51.87	61.25	66.00
N	M	HS	W	171	45.68	10.73	24.53	34.85	42.89	49.44	56.15	64.13
N	M	COLL	B	21	53.16	9.12	36.80	43.60	46.75	51.25	55.63	67.00
N	M	COLL	W	141	49.82	9.90	24.53	35.46	43.70	51.19	56.04	62.44
N	M	D.K.	B	23	52.00	8.22	36.80	42.88	47.19	51.43	56.75	64.62
N	M	D.K.	W	63	47.90	10.53	26.58	34.13	41.25	47.00	55.52	61.42
N	F	ELEM	B	87	50.21	9.88	24.53	36.06	43.97	50.56	56.47	62.11
N	F	ELEM	W	309	48.90	8.81	26.58	36.74	43.50	48.54	54.72	59.67
N	F	HS	B	56	50.02	8.00	32.71	38.50	44.64	50.50	55.62	59.50
N	F	HS	W	213	49.27	8.57	28.62	38.40	43.63	48.94	55.08	60.61
N	F	COLL	B	22	55.57	7.67	36.80	47.64	50.00	54.50	61.67	66.00
N	F	COLL	W	170	48.39	8.94	30.66	36.17	42.39	48.19	54.80	60.00
N	F	D.K.	B	35	49.59	9.36	30.66	37.92	42.29	49.58	55.78	61.67
N	F	D.K.	W	70	47.59	11.75	24.53	30.00	39.58	48.41	55.54	63.21
TOTAL		3514	49.72	9.93	24.53	79.74	36.30	43.32	49.62	56.10	62.85	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 270

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 7, 1963

***** ANALYSIS OF VARIANCE TABLE *****				
DEPENDENT VARIABLE	1			
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO
TOTAL	8378380.3430	3217		
MEAN	8063910.7809	1	8063910.7809	82493.1250
ERROR	314469.5621	3216	97.7525	
CUR	87.1342	1	87.1342	0.9119
SEX	5084.9113	1	5084.9113	53.2144
F.ED	1633.6336	3	544.5445	5.6987
RACE	320.7950	1	320.7950	3.3572
ERROR	306827.4870	3210	95.5551	
CS	56.2625	1	56.2625	0.5896
CF	14.8280	3	4.9427	0.0518
CR	415.1769	1	415.1769	4.3505
SF	219.6688	3	73.2229	0.7673
SR	91.3001	1	91.3001	0.9567
FR	536.1059	3	178.7020	1.8725
ERROR	305288.5827	3198	95.4325	
CSF	354.0726	3	118.0242	1.2386
CSR	591.3663	1	591.3663	6.2063
CFR	49.4796	3	16.4932	0.1731
SFR	376.3483	3	125.4494	1.3166
ERROR	303862.4739	3188	95.2846	
CSFR	87.1272	3	29.0424	0.3046
ERROR	303775.3466	3185	95.3470	

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic

(N < 5)

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 9, 1965

TABLE 271

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				*****	
		1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F		
TOTAL	9163874.8569	3544					
MEAN	8825432.2590	1	8825432.2590	92415.4375	0.0000		
ERROR	338442.5979	3543	95.4974				
CUR	251.0239	1	251.0239	2.7162	0.0998		
SEX	8554.6928	1	8554.6928	92.5664	0.0000		
F.ED	1555.8371	3	518.6124	5.6117	0.0008		
RACE	1017.5451	1	1017.5451	11.0104	0.0011		
ERROR	326970.5895	3537	92.4168				
CS	21.2763	1	21.2763	0.2339	0.6310		
CF	401.4508	3	133.8169	1.4516	0.2259		
CR	82.9098	1	82.9098	0.8993	0.3432		
SF	209.8746	3	69.9582	0.7589	0.5168		
SR	501.4539	1	501.4539	5.4394	0.0200		
FR	521.2281	3	173.7427	1.8846	0.1299		
ERROR	325056.9398	3525	92.1886				
CSF	1743.5869	3	581.1956	6.3467	0.0003		
CSR	1135.6392	1	1135.6392	12.4013	0.0005		
CFR	238.4911	3	79.4970	0.8681	0.4568		
SFR	351.9619	3	117.3206	1.2812	0.2791		
ERROR	321975.2457	3515	91.5743				
CSFR	84.6059	3	28.2020	0.3078	0.8198		
ERROR	321890.6399	3512	91.6284				

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 272

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 11, 1967

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****			
		1			
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO
TOTAL		9046053.6885	3518		
MEAN		8699008.4821	1	8699008.4821	88181.8750
ERROR		347045.2063	3517	98.6485	
CUR		89.0777	1	89.0777	0.9238
SEX		3683.7291	1	3683.7291	38.2021
F.ED		1731.4791	3	577.1597	5.9854
RACE		2512.0822	1	2512.0822	26.0516
ERROR		338652.3267	3511	96.4273	
CS		157.7862	1	157.7862	1.6398
CF		961.3241	3	320.4414	3.3301
CR		0.4637	1	0.4637	0.0048
SF		6.7521	3	2.2507	0.0234
SR		118.6639	1	118.6639	1.2332
FR		398.1408	3	132.7136	1.3792
ERROR		336786.4004	3499	96.2247	
CSF		617.9466	3	205.9822	2.1446
CSR		621.4709	1	621.4709	6.4704
CGR		103.6017	3	34.5339	0.3595
SFR		133.4330	3	44.4777	0.4631
ERROR		335208.3463	3489	96.0483	
CSFR		258.4517	3	86.1506	0.8969
ERROR		334949.8945	3480	96.0568	

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

PROBABILITY OF LARGER F

TABLE 273

BEQ SCALE 10 (GENERAL TV VIEWING), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1576	49.81	7.85	25.22	72.66	71.45	66.13	57.26	48.39	43.07
NON-ACADEMIC		1438	49.95	7.44	23.87	75.27	69.92	62.24	49.45	36.66	28.98
MALES		1402	51.29	7.58	25.97	75.27	70.13	62.77	50.50	38.23	30.87
FEMALES		1612	48.64	7.51	23.87	72.52	69.89	62.22	49.43	36.65	28.98
ELEM F.ED.		863	50.45	7.45	25.22	72.66	70.02	62.55	50.11	37.66	30.20
HS F.ED.		820	50.68	7.35	25.95	75.27	70.15	62.78	50.50	38.22	30.86
COLL F.ED.		1115	48.90	7.77	25.24	71.20	70.02	62.56	50.12	37.68	30.22
D.K.F.ED.		216	49.58	8.42	23.87	67.83	67.83	62.22	49.43	36.65	28.98
BLACK		329	51.61	7.35	28.65	75.27	70.49	63.52	51.90	40.27	33.30
WHITE		2685	49.66	7.67	23.87	72.66	69.89	62.22	49.43	36.65	28.98
NOT IN SAMPLE		751	49.54	8.02	23.87	70.54	69.90	62.23	49.44	36.65	28.98

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
COUR SEX F.ED RACE							10	25	50	75	90	
A	M	ELEM	B	11	51.04	6.93	39.52	59.00	59.00	57.26	48.39	43.07
A	M	ELEM	W	140	51.87	7.52	31.53	72.66	70.65	53.27	42.40	35.88
A	M	HS	B	18	53.08	7.03	35.57	62.84	62.84	55.29	45.43	39.52
A	M	HS	W	201	52.77	7.29	33.36	70.49	64.59	54.18	43.77	37.53
A	M	COLL	B	17	51.72	6.09	38.95	60.30	60.30	56.97	47.96	42.55
A	M	COLL	W	367	50.06	7.69	25.97	71.20	70.10	62.74	50.48	30.87
A	M	D.K.	B	4	51.65	6.72	43.10	59.50	*	*	*	*
A	M	D.K.	W	17	54.94	9.73	35.63	67.83	67.83	55.31	45.47	39.56
A	F	ELEM	B	23	52.10	6.28	41.64	65.70	65.70	58.32	49.98	44.98
A	F	ELEM	W	117	49.74	7.62	25.22	72.52	70.02	62.55	50.11	37.66
A	F	HS	B	18	53.93	6.20	44.65	69.24	67.41	59.82	52.24	47.69
A	F	HS	W	169	48.30	7.47	25.95	70.45	70.09	62.74	50.47	38.21
A	F	COLL	B	8	57.31	4.32	50.56	63.68	63.68	62.78	56.67	53.00
A	F	COLL	W	423	47.32	7.92	25.24	69.84	69.84	62.56	50.12	37.68
A	F	D.K.	B	9	51.21	6.32	42.38	58.85	58.85	58.85	50.53	45.64
A	F	D.K.	W	34	47.92	6.91	37.44	62.96	62.96	56.22	46.83	41.20
N	M	ELEM	B	41	52.53	8.46	31.30	65.91	65.91	53.15	42.22	35.67
N	M	ELEM	W	194	51.61	7.36	27.97	72.58	70.30	63.24	51.49	39.73
N	M	HS	B	34	53.31	6.94	38.33	75.27	72.33	66.67	57.22	47.78
N	M	HS	W	151	51.23	7.25	34.78	67.87	67.87	65.19	55.39	45.58
N	M	COLL	B	16	52.68	7.31	40.98	67.89	67.89	66.49	57.99	44.38
N	M	COLL	W	122	50.28	7.22	27.98	71.15	70.30	63.25	51.49	39.74
N	M	D.K.	B	13	53.14	8.37	36.78	63.03	63.03	55.89	46.33	40.60
N	M	D.K.	W	56	49.13	8.46	28.05	67.18	67.18	63.26	51.52	39.79
N	F	ELEM	B	59	49.30	7.33	28.65	69.13	69.13	63.41	51.83	40.24
N	F	ELEM	W	278	49.01	7.10	28.57	70.48	70.36	63.39	51.79	40.18
N	F	HS	B	33	49.27	6.52	33.48	63.05	63.05	63.05	54.24	43.86
N	F	HS	W	196	49.41	6.82	30.02	67.78	67.78	63.75	52.51	41.27
N	F	COLL	B	7	56.94	7.29	47.95	68.45	68.45	68.24	61.47	54.71
N	F	COLL	W	155	47.85	7.07	26.59	67.11	67.11	62.90	50.80	38.69
N	F	D.K.	B	18	47.46	8.42	34.13	65.21	65.21	64.78	54.57	44.35
N	F	D.K.	W	65	48.94	8.68	23.87	64.98	64.98	62.22	49.43	36.65
TOTAL		3014	49.88	7.65	23.87	75.27	69.90	62.23	49.44	36.65	28.98	28.98

KEY

A academic
 B black
 BQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 274

BEQ SCALE 10 (GENERAL TV VIEWING), 1ST URDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
MARGINALS											
ACADEMIC		1576	-0.23	7.97	-25.69	30.41	-9.80	-5.30	0.15	4.97	10.14
NON-ACADEMIC		1438	-0.60	8.33	-29.94	28.91	-11.11	-5.70	0.11	4.85	9.89
MALES		1402	-0.59	8.35	-29.94	27.44	-10.85	-5.72	0.02	4.90	10.12
FEMALES		1612	-0.25	7.96	-24.26	30.41	-9.86	-5.27	0.25	4.93	9.93
ELEM F.ED.		863	-0.18	8.31	-25.69	27.44	-10.08	-5.58	0.38	5.37	10.04
HS F.ED.		820	-0.63	7.94	-29.94	23.18	-10.33	-5.47	0.06	4.38	9.62
COLL F.ED.		1115	-0.37	8.03	-24.24	30.41	-9.96	-5.37	0.03	4.98	10.13
D.K.F.ED.		216	-0.67	8.82	-25.66	28.91	-11.64	-5.74	-0.00	4.14	10.68
BLACK		329	0.56	8.15	-24.26	24.60	-9.53	-5.09	0.79	6.50	10.91
WHITE		2685	-0.53	8.14	-29.94	30.41	-10.40	-5.53	0.06	4.71	9.86
NOT IN SAMPLE		751	0.21	8.03	-24.22	33.22	-9.59	-5.31	0.51	5.29	10.34

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90
CUR SEX F-ED RACE											
A M ELEM B		11	0.38	11.28	-21.25	13.17	-15.00	-8.50	4.33	10.25	11.90
A M ELEM W		140	0.31	7.87	-25.69	23.20	-9.08	-5.20	0.30	5.45	10.00
A M HS B		18	-0.54	7.81	-18.38	11.79	-10.40	-5.00	-0.00	5.00	10.20
A M HS W		201	-0.59	8.03	-21.29	23.18	-10.64	-5.46	0.19	4.59	9.63
A M COLL B		17	-1.81	7.73	-14.14	17.51	-10.60	-8.50	-1.50	1.38	7.30
A M COLL W		367	-0.23	8.11	-22.83	23.20	-9.95	-5.34	-0.10	5.28	10.41
A M D.K. B		4	-0.11	6.84	-9.79	5.90	*	*	*	*	*
A M D.K. W		17	1.30	7.74	-8.44	16.21	-6.60	-5.10	-0.50	6.75	15.18
A F ELEM B		23	-0.06	9.96	-24.26	14.68	-11.40	-7.25	0.33	7.50	13.40
A F ELEM W		117	0.59	8.00	-19.96	21.77	-9.58	-4.94	1.00	5.30	10.52
A F HS B		18	0.51	7.99	-16.96	14.68	-8.40	-4.33	-0.00	5.00	14.20
A F HS W		169	-0.35	7.55	-21.33	21.81	-9.37	-5.09	0.04	4.46	9.17
A F COLL B		8	-0.29	7.55	-6.93	11.81	-6.93	-6.00	-3.00	2.00	11.20
A F COLL W		423	-0.47	7.88	-24.16	30.41	-9.85	-5.36	0.16	4.66	9.78
A F D.K. B		9	3.58	6.94	-4.14	16.04	-4.14	-1.75	1.00	7.75	15.10
A F D.K. W		34	-1.28	8.35	-14.14	28.91	-10.60	-5.75	-2.00	1.36	9.20
N M ELEM B		41	-0.02	7.97	-18.55	11.75	-13.80	-5.75	1.57	5.92	9.16
N M ELEM W		194	-0.95	9.04	-23.66	27.44	-13.73	-7.25	0.06	4.82	10.29
N M HS B		34	-0.45	7.15	-11.23	14.62	-9.73	-5.40	-0.00	3.67	10.60
N M HS W		151	-1.85	8.88	-29.94	21.65	-13.63	-7.85	-0.45	2.06	9.30
N M COLL B		16	-0.82	7.42	-15.51	11.90	-8.80	-6.00	-4.00	6.00	8.80
N M COLL W		122	-0.30	6.75	-24.24	23.26	-11.90	-5.64	-0.55	6.12	10.93
N M D.K. B		13	-3.27	9.84	-14.00	24.60	-14.00	-9.50	-3.50	-0.25	1.70
N M D.K. W		56	-1.39	8.52	-25.66	15.95	-11.60	-5.60	-0.86	4.00	10.20
N F ELEM B		59	1.62	8.12	-24.26	17.49	-8.10	-4.50	3.00	7.50	11.10
N F ELEM W		278	-0.64	7.93	-22.74	23.12	-10.34	-5.67	-0.00	4.54	9.26
N F HS B		33	2.05	8.45	-16.89	17.43	-9.13	-4.50	2.33	8.37	13.40
N F HS W		196	-0.59	7.42	-24.22	16.00	-9.67	-5.28	-0.25	4.71	8.97
N F COLL B		7	3.36	3.65	0.22	10.34	0.47	1.17	3.00	5.25	10.34
N F COLL W		155	-0.43	8.01	-22.70	28.91	-9.92	-5.14	0.12	4.62	9.50
N F D.K. B		18	3.88	7.94	-6.99	23.12	-6.20	-1.50	4.50	9.00	12.40
N F D.K. W		65	-1.60	9.64	-22.78	18.88	-15.56	-8.50	0.47	3.58	10.50
TOTAL		3014	-0.41	8.14	-29.94	30.41	-10.25	-5.48	0.13	4.92	10.02

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 275

BEQ SCALE 10 (GENERAL TV VIEWING), 0 ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL		7674186.5691	3013			
MEAN		7497626.2260	1	7497626.2260	127946.8125	0.0000
ERROR		176560.3431	3012	58.5995		
CUR		49.1026	1	49.1026	0.8757	0.3496
SEX		5140.5216	1	5140.5216	91.6719	0.0000
F.ED		1565.6797	3	521.8932	9.3070	0.0001
RACE		780.8183	1	780.8183	13.9245	0.0003
ERROR		168618.1974	3006	56.0752		
CS		75.9184	1	75.9184	1.3565	0.2446
CF		158.9490	3	56.3163	1.0062	0.3889
CR		57.1587	1	57.1587	1.0213	0.3124
SF		107.2920	3	35.7640	0.6390	0.5896
SR		82.5680	1	82.5680	1.4753	0.2248
FR		434.2640	3	144.7547	2.5864	0.0515
ERROR		167624.7991	2994	55.9682		
CSF		394.2875	3	131.4292	2.3598	0.0697
CSR		470.9435	1	470.9435	8.4557	0.0038
CFR		53.8408	3	17.9469	0.3222	0.8093
SFR		351.7665	3	117.2555	2.1053	0.0975
ERROR		166250.3516	2984	55.6953		
CSFR		141.5461	3	47.1820	0.8470	0.4680
ERROR		166108.8055	2981	55.7038		

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 276

BEQ SCALE 10 (GENERAL TV VIEWING), 1ST ORDER TREND

***** ANALYSIS OF VARIANCE TABLE *****					1	
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL		200338.9129	3013			
MEAN		500.1727	1	500.1727	1.412	0.0062
ERROR		199838.7401	3012	66.3255		
CUR		172.8724	1	172.8724	2.6107	0.1064
SEX		97.4655	1	97.4655	1.4719	0.2253
F.ED		117.4877	3	39.1609	0.5914	0.6205
RACE		406.7974	1	406.7974	6.1435	0.0134
ERROR		199112.0751	3006	66.2162		
CS		62.9220	1	62.9220	0.9506	0.3297
CF		165.1102	3	55.0367	0.8315	0.4763
CR		163.6629	1	163.6629	2.4726	0.1160
SF		60.4214	3	20.1405	0.3043	0.8223
SR		65.7068	1	65.7068	4.0143	0.0452
FR		75.8785	3	25.2928	0.3821	0.7658
ERROR		198239.3084	2994	66.1901		
CSF		54.0615	3	18.0205	0.2719	0.8457
CSR		29.4263	1	29.4263	0.4440	0.5055
CFR		23.8621	3	7.9540	0.1200	0.9483
SFR		281.1178	3	93.7059	1.4139	0.2368
ERROR		197835.7076	2984	66.2766		
CSFR		10.3377	3	3.4459	0.0519	0.9845
ERROR		97825.3699	2981	66.3398		

KEY

A academic
 B black
 BQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 277

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 7, 1963

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1672	52.22	9.53	24.57	69.31	39.26	52.56	54.52	56.47	68.30
NON-ACADEMIC		1546	48.73	9.70	24.57	69.31	38.21	40.68	53.66	55.73	56.98
MALES		1507	49.09	10.34	24.57	69.31	38.18	40.62	53.68	55.89	57.21
FEMALES		1711	51.83	9.05	24.57	69.31	39.28	52.58	54.44	56.31	57.43
ELEM F.ED.		928	48.49	9.47	24.57	69.31	38.20	40.64	53.61	55.66	56.88
HS F.ED.		844	50.30	9.61	24.57	69.31	38.65	41.44	54.05	56.06	57.26
COLL F.ED.		1129	52.59	9.53	24.57	69.31	39.38	52.62	54.59	56.57	68.71
D.K.F.ED.		317	49.93	10.50	24.57	69.31	38.23	41.20	54.02	56.09	57.33
BLACK		368	50.23	10.09	24.57	69.31	38.48	41.35	54.06	56.10	57.33
WHITE		2850	50.59	9.73	24.57	69.31	38.70	41.58	54.13	56.13	57.34
NOT IN SAMPLE		3703	49.53	10.17	24.57	69.31	38.30	40.92	53.85	55.96	57.23

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.ED RACE						10	25	50	75	90
A	M ELEM B	12	48.19	13.43	24.57	69.31	25.50	40.00	53.93	56.07	57.36
A	M ELEM W	149	48.20	9.82	24.57	69.31	37.95	40.55	53.61	55.64	56.85
A	M HS B	18	54.40	8.86	39.49	69.31	40.50	53.13	55.00	56.88	69.31
A	M HS W	210	49.64	10.70	24.57	69.31	38.23	40.77	53.82	56.07	57.41
A	M COLL B	17	51.77	9.48	24.57	69.31	39.25	52.98	54.62	56.25	57.23
A	M COLL W	370	51.94	9.72	24.57	69.31	39.12	41.76	54.32	56.50	68.80
A	M D.K. B	9	54.40	10.54	39.49	69.31	39.75	52.75	55.00	57.25	69.31
A	M D.K. W	34	52.65	9.55	24.57	69.31	39.50	52.83	54.67	56.52	68.25
A	F ELEM J	24	49.43	8.42	24.57	54.40	38.67	41.67	53.97	54.40	54.40
A	F ELEM W	138	51.05	8.06	24.57	69.31	39.29	42.42	54.25	56.03	57.10
A	F HS B	18	56.06	10.09	39.49	69.31	40.50	53.25	55.50	68.00	69.31
A	F HS W	176	52.87	9.60	24.57	69.31	39.86	52.87	54.67	56.48	67.87
A	F COLL B	9	56.06	4.97	54.40	69.31	54.40	54.40	55.31	56.72	68.00
A	F COLL W	427	55.06	8.67	24.57	69.31	41.07	53.33	55.18	57.04	69.31
A	F D.K. B	10	55.89	11.00	39.49	69.31	40.00	53.00	55.50	68.33	69.31
A	F D.K. W	51	52.06	7.53	24.57	69.31	40.06	52.97	54.56	56.16	57.11
N	M ELEM B	41	49.67	9.09	24.57	69.31	38.55	41.63	54.02	55.85	56.95
N	M ELEM W	212	46.17	10.19	24.57	69.31	37.63	39.55	52.69	55.19	56.69
N	M HS B	34	47.38	9.87	24.57	69.31	38.04	40.00	53.06	55.42	56.83
N	M HS W	158	47.79	9.74	24.57	69.31	38.10	40.18	53.25	55.52	56.88
N	M COLL B	16	51.60	12.44	24.57	69.31	26.50	52.95	54.77	56.59	68.50
N	M COLL W	126	47.65	9.73	24.57	69.31	37.94	40.24	53.38	55.51	56.78
N	M D.K. B	28	45.88	13.11	24.57	69.31	26.00	38.86	42.05	55.50	67.83
N	M D.K. W	73	45.62	11.07	24.57	69.31	26.15	39.22	52.83	55.23	56.67
N	F ELEM B	61	49.51	8.91	24.57	69.31	38.71	40.89	53.68	55.80	57.07
N	F ELEM W	291	48.66	9.14	24.57	69.31	38.31	40.82	53.68	55.66	56.85
N	F HS B	33	49.88	7.89	24.57	54.40	38.94	42.03	54.06	54.40	54.40
N	F HS W	197	50.39	8.57	24.57	69.31	38.93	42.01	54.14	55.95	57.03
N	F COLL B	7	54.40	8.61	39.49	69.31	41.00	53.25	55.00	56.75	69.00
N	F COLL W	157	51.27	9.10	24.57	69.31	39.08	42.26	54.30	56.19	57.32
N	F D.K. B	31	48.15	10.74	24.57	69.31	38.00	40.11	53.28	55.70	57.16
N	F D.K. W	91	52.19	9.16	24.57	69.31	39.41	52.70	54.55	56.39	57.49
TOTAL		3218	50.54	9.77	24.57	69.31	38.67	41.56	54.12	56.13	57.34

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's
 CR curriculum-race
 CS curriculum-sex
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic
 (N < 5)

TABLE 278

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 9, 1965

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
MARGINALS							10	25	50	75	90		
ACADEMIC		1770	53.51	9.59	28.17	71.83	36.97	45.58	54.78	63.62	66.65		
NON-ACADEMIC		1749	49.02	9.39	28.17	71.83	34.39	43.11	46.97	55.92	64.37		
MALES		1646	49.22	10.12	28.17	71.83	34.08	42.83	47.05	56.27	65.14		
FEMALES		1873	53.09	9.04	28.17	71.83	42.53	45.46	54.45	63.01	66.25		
ELEM F.ED.		978	49.33	9.52	28.17	71.83	34.38	43.19	47.33	56.13	64.59		
HS F.ED.		932	50.59	9.43	28.17	71.83	35.19	43.88	53.01	56.64	65.33		
COLL F.ED.		1215	53.61	9.63	28.17	71.83	37.09	45.55	54.83	63.79	66.70		
D.K.F.ED.		394	50.59	10.01	28.17	71.83	34.78	43.71	52.98	56.96	65.71		
BLACK		557	50.38	9.81	28.17	71.83	34.85	43.57	52.79	56.68	65.55		
WHITE		2962	51.45	9.73	28.17	71.83	35.41	44.25	53.58	57.27	65.90		
NOT IN SAMPLE		4751	49.05	10.08	28.17	71.83	33.90	42.91	47.02	56.23	64.95		
CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES						
CUR SEX F.ED RACE							10	25	50	75	90		
A	M	ELEM	B	17	48.71	10.21	28.17	63.09	33.67	42.75	47.00	56.25	63.09
A	M	ELEM	W	150	49.41	9.29	28.17	71.83	34.81	43.30	46.84	56.22	64.90
A	M	HS	B	30	49.70	11.86	28.17	71.83	33.33	37.08	47.50	57.18	66.50
A	M	HS	W	219	51.13	9.29	28.17	71.83	35.39	44.26	53.59	56.81	65.35
A	M	COLL	B	19	51.14	10.97	36.90	71.83	36.90	37.25	53.75	62.81	66.37
A	M	COLL	W	393	52.94	9.88	28.17	71.83	36.35	45.09	54.40	63.24	66.67
A	M	D.K.	B	15	49.12	9.79	36.90	63.09	36.90	37.19	46.88	56.56	63.09
A	M	D.K.	W	36	54.36	10.64	36.90	71.83	36.90	45.50	55.68	64.77	67.23
A	F	ELEM	B	35	53.86	9.69	36.90	71.83	36.90	45.89	54.82	63.39	67.14
A	F	ELEM	W	126	55.12	8.48	36.90	71.83	43.55	52.64	55.50	63.94	66.80
A	F	HS	B	25	54.01	9.59	36.90	71.83	43.33	45.42	54.06	63.44	68.33
A	F	HS	W	180	53.88	9.12	28.17	71.83	42.98	46.19	54.89	63.43	66.57
A	F	COLL	B	13	59.06	8.45	45.63	71.83	45.75	54.06	63.00	66.25	69.25
A	F	COLL	W	445	56.13	8.75	28.17	71.83	43.90	52.85	56.30	64.89	67.09
A	F	D.K.	B	13	55.03	11.53	36.90	71.83	36.90	45.63	55.63	65.42	69.25
A	F	D.K.	W	54	55.01	9.27	28.17	71.83	43.42	46.54	55.74	64.58	66.83
N	M	ELEM	B	54	45.47	8.73	28.17	63.09	33.30	36.00	44.87	53.75	56.64
N	M	ELEM	W	218	44.75	9.48	28.17	71.83	32.57	35.29	44.42	53.47	56.81
N	M	HS	B	49	47.59	10.43	28.17	71.83	33.36	36.70	45.78	55.57	64.71
N	M	HS	W	163	45.95	8.88	28.17	71.83	33.57	36.12	44.96	53.96	56.87
N	M	COLL	B	21	52.70	8.10	36.90	63.09	43.19	45.16	53.75	63.09	63.09
N	M	COLL	W	136	48.84	10.46	28.17	71.83	33.81	37.33	46.73	56.18	65.24
N	M	D.K.	B	46	47.53	9.55	28.17	71.83	34.13	42.86	45.60	54.25	63.17
N	M	D.K.	W	80	45.63	9.92	28.17	71.83	32.50	35.83	45.00	54.08	57.24
N	F	ELEM	B	85	49.64	9.39	28.17	71.83	34.41	43.06	53.03	56.25	64.37
N	F	ELEM	W	293	50.31	8.35	28.17	71.83	35.92	44.18	52.92	56.19	64.25
N	F	HS	B	56	51.87	8.11	36.90	71.83	42.67	45.00	53.64	56.82	65.20
N	F	HS	W	210	50.87	8.42	28.17	71.83	36.50	44.34	52.97	56.52	64.93
N	F	COLL	B	19	54.82	10.28	36.90	71.83	43.25	45.63	54.58	64.58	69.33
N	F	COLL	W	169	52.19	8.56	36.90	71.83	37.47	44.88	53.77	57.48	65.72
N	F	D.K.	B	50	51.16	8.19	36.90	63.09	36.90	44.56	53.54	56.67	63.09
N	F	D.K.	W	90	51.64	9.31	28.17	71.83	36.00	44.60	53.79	57.00	65.62
TOTAL		3514	51.28	9.75	28.17	71.83	35.31	44.14	53.46	57.18	65.85		

KEY

A

academic

B

black

BRQ

Background and Experience Questionnaire

COLL

college

CF

curriculum-father's education interaction

CR

curriculum-race interaction

CS

curriculum-sex interaction

CUR

curriculum

D.K.

respondent did not know

ELEM

elementary school

F

female

F.ED

father's education

HS

high school

M

male

MAX

maximum

MIN

minimum

N

(when in "curriculum" column) non-academic

N

number of cases

NDF

number of degrees of freedom

SCAT

School and College Ability Tests

S.D.

standard deviation

STEP

Sequential Tests of Educational Progress

TGI

Test of General Information

W

white

*

no valid statistic (N < 5)

KEY

- A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 279

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1788	53.12	9.75	29.03	70.57	36.56	45.15	54.71	59.10	62.00
NON-ACADEMIC		1718	47.81	9.30	29.03	70.57	33.69	37.48	46.14	55.45	59.14
MALES		1637	47.60	10.04	29.03	70.57	33.25	36.67	45.91	55.59	59.76
FEMALES		1869	53.07	9.02	29.03	70.57	42.63	45.32	54.52	58.70	61.68
ELEM F.ED.		1052	48.38	9.30	29.03	70.57	33.94	42.66	46.55	55.85	59.52
HS F.ED.		939	49.76	9.63	29.03	70.57	34.48	43.38	47.28	56.75	60.60
COLL F.ED.		1234	53.26	9.87	29.03	70.57	36.65	45.17	54.76	59.24	62.18
D.K.F.ED.		261	48.96	10.36	29.03	70.57	33.35	42.77	46.90	56.66	60.60
BLACK		511	49.86	9.35	29.03	70.57	34.66	43.39	47.48	56.74	60.43
WHITE		2995	50.63	9.98	29.03	70.57	34.65	43.68	52.96	57.40	61.20
NOT IN SAMPLE		3340	49.45	10.08	29.03	70.57	33.90	42.97	47.31	56.68	60.69

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR SEX F.ED RACE							10	25	50	75	90
A	M	18	48.42	8.06	37.34	62.26	37.34	42.92	46.57	55.42	58.00
A	M	161	48.17	9.10	29.03	70.57	33.90	42.80	46.53	55.60	58.97
A	M	30	50.63	8.33	37.34	62.26	37.34	44.09	47.50	57.19	60.36
A	M	227	48.61	9.89	29.03	70.57	33.83	42.62	46.35	56.35	60.36
A	M	20	50.22	10.60	29.03	70.57	34.17	43.33	47.50	57.50	61.25
A	M	398	52.39	10.20	29.03	70.57	35.66	44.57	54.11	58.66	62.21
A	M	6	44.26	6.25	37.34	53.95	37.34	37.34	44.17	46.67	53.95
A	M	20	47.72	10.39	29.03	62.26	32.50	36.25	47.50	56.07	59.17
A	F	37	53.73	8.86	37.34	70.57	42.82	45.34	55.31	59.55	61.54
A	F	146	55.89	7.87	37.34	70.57	44.31	52.65	56.30	59.95	62.14
A	F	27	53.34	7.61	29.03	62.26	43.92	47.29	55.00	57.68	60.57
A	F	187	54.31	9.27	29.03	70.57	42.90	45.95	55.45	59.67	62.17
A	F	15	59.49	8.11	45.65	70.57	46.25	54.69	58.75	61.88	70.00
A	F	447	56.74	8.54	29.03	70.57	44.32	53.15	57.00	60.62	68.28
A	F	11	55.46	10.39	37.34	70.57	37.34	53.44	56.88	60.31	62.38
A	F	38	55.70	9.09	37.34	70.57	43.63	47.19	55.96	60.25	68.70
A	M	55	44.14	8.17	29.03	62.26	32.94	35.37	43.98	47.10	56.11
N	M	240	42.81	8.80	29.03	70.57	31.79	34.28	42.64	46.81	56.01
N	M	50	46.81	9.19	29.03	62.26	33.44	35.78	46.00	55.29	57.50
N	M	169	44.61	8.89	29.03	70.57	32.47	35.24	44.39	53.34	56.51
N	M	21	50.39	8.54	37.34	70.57	37.34	44.11	52.81	56.09	59.75
N	M	140	45.65	9.40	29.03	70.57	32.65	35.83	44.90	53.95	57.34
N	M	23	47.09	9.59	29.03	70.57	33.00	42.88	45.75	54.37	57.25
N	M	59	43.25	10.24	29.03	70.57	30.45	33.90	43.16	47.04	57.60
N	F	86	48.06	8.24	29.03	62.26	34.24	42.60	46.90	55.39	57.41
N	F	309	49.46	7.82	29.03	70.57	35.78	43.89	47.22	55.81	58.79
N	F	56	51.28	8.97	37.34	70.57	37.34	44.25	52.81	57.19	61.20
N	F	213	50.79	8.58	29.03	70.57	37.05	44.37	52.69	56.72	60.51
N	F	22	56.22	8.57	45.65	70.57	45.65	46.43	57.50	60.56	62.39
N	F	171	52.20	8.65	37.34	70.57	42.51	44.76	53.70	58.23	61.21
N	F	34	51.02	9.78	29.03	62.26	34.83	44.25	53.61	58.25	60.80
N	F	70	49.44	9.13	29.03	70.57	34.72	43.60	47.10	56.38	60.00
TOTAL		3506	50.52	9.89	29.03	70.57	34.65	43.63	52.99	57.30	61.10

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 7, 1963

TABLE 280

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				F RATIO	PROBABILITY OF LARGER F	KEY
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE					
TOTAL	8528282.4019	3217						
MEAN	8221227.5411	1	8221227.5411	86133.3750	0.0000			A academic
ERROR	307054.8607	3216	95.4476					B black
CUR	6035.9093	1	6035.9093	67.7985	0.0000			BEQ Background and Experi- ence Questionnaire
SEX	6797.3968	1	6797.3968	76.3520	0.0000			COLL college
F.ED	4544.6933	3	1514.8978	17.0161	0.0000			CF curriculum-father's education interaction
RACE	245.4854	1	245.4854	2.7574	0.0970			CR curriculum-race interaction
ERROR	285865.9839	3210	89.0271					CS curriculum-sex interaction
CS	33.0945	1	33.0945	0.3718	0.5421			CUR curriculum
CF	537.1894	3	179.0631	2.0118	0.1101			D.K. respondent: did not know
CR	33.2680	1	33.2680	0.3738	0.5411			ELEM elementary school
SF	184.6586	3	61.5529	0.6916	0.5569			F female
SR	188.1183	1	188.1183	2.1135	0.1462			F.ED father's education
FR	160.9516	3	53.6505	0.6028	0.6131			HS high school
ERROR	284733.0916	3198	89.0069					M male
CSF	592.1797	3	197.3932	2.2238	0.0834			MAX maximum
CSR	27.5085	1	27.5085	0.3099	0.5778			MIN minimum
CFR	981.3359	3	327.1120	3.6852	0.0116			N (when in "curriculum" column) non-academic
SFR	66.9315	3	22.3105	0.2513	0.8601			N number of cases
ERROR	283069.7854	3188	88.7645					NDF number of degrees of freedom
CSFR	114.5750	3	38.1917	0.4300	0.7314			SCAT School and College Ability Tests
ERROR	282955.2104	3185	88.8121					S.D. standard deviation
								STEP Sequential Tests of Educational Progress
								TGI Test of General Information
								W white
								* no valid statistic (N < 5)

REQ SCALE 11 (ACADEMIC EFFORT), GRADE 9, 1965

TABLE 28.

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
		1					
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	9587698.4697	3518					
MEAN	9253392.8467	1	9253392.8467	97376.1875	0.0000		
ERROR	334305.6230	3517	95.0272				
CUR	12672.3771	1	12672.3771	149.6786	0.0000		
SEX	14768.5507	1	14768.5507	174.4374	0.0000		
F.ED	4303.4441	3	1434.4814	16.9432	0.0000		
RACE	47.5847	1	47.5847	0.5620	0.4535		
ERROR	297339.5575	3511	84.6639				
CS	93.7440	1	93.7440	1.1088	0.2927		
CF	207.9125	3	69.3042	0.8197	0.4827		
CR	366.2498	1	366.2498	4.3321	0.0376		
SF	444.9283	3	148.3094	1.7542	0.1538		
SR	1.7486	1	1.7486	0.0207	0.8857		
FR	324.0773	3	108.0258	1.2777	0.2803		
ERROR	295904.2073	3499	84.5441				
CSF	381.2165	3	127.0722	1.5025	0.2119		
CSR	261.1672	1	261.1672	3.0880	0.0793		
CFR	47.7256	3	15.9085	0.1881	0.9045		
SFR	48.3747	3	16.1249	0.1907	0.9029		
ERROR	295164.7775	3489	84.5745				
CSFR	155.8007	3	51.9336	0.6139	0.6060		
ERROR	295008.9768	3486	84.6025				

KEY	
A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

KEY
A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < .5)

TABLE 282

BEG SCALE 11 (ACADEMIC EFFORT), GRADE 11, 1967

***** ANALYSIS OF VARIANCE TABLE *****					F RATIO	PROBABILITY OF LARGER F
DEPENDENT VARIABLE	SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE		
TOTAL MEAN		9290611.1743	3505			
	ERROR	8947526.8169	1	8947526.8169	91409.1875	0.0000
		343084.3574	3504	97.8843		
CUR		17830.5849	1	17830.5849	220.2353	0.0000
SEX		28622.7826	1	28622.7826	353.5356	0.0000
F.ED		6122.4058	3	2040.8019	25.2071	0.0000
RACE		239.7369	1	239.7369	2.9611	0.0856
	ERROR	283284.2460	3498	80.9615		
CS		12.7319	1	12.7319	0.1578	0.6913
CF		567.9034	3	189.3011	2.3456	0.0710
CR		291.1094	1	291.1094	3.6071	0.0579
SF		331.0554	3	110.3518	1.3674	0.2509
SR		208.5130	1	208.5130	2.5837	0.1084
FR		492.5846	3	164.1949	2.0345	0.1069
	ERROR	281417.2355	3486	80.7047		
CSF		365.8305	3	121.9435	1.5121	0.2093
CSR		40.5864	1	40.5864	0.5033	0.4782
CFR		198.3296	3	66.1099	0.8198	0.4827
SFR		247.6411	3	82.5470	1.0236	0.3810
	ERROR	280403.0960	3476	80.6451		
CSFR		182.2726	3	60.7575	0.7532	0.5201
	ERROR	280220.8234	3473	80.6623		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

TABLE 283

BEQ SCALE 11 (ACADEMIC EFFORT), 0 ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1565	53.01	7.13	30.17	70.57	70.57	65.21	55.42	45.64	39.76
NON-ACADEMIC		1427	48.52	7.87	27.26	70.57	70.57	63.06	51.13	39.19	32.03
MALES		1388	48.76	7.59	27.26	70.57	70.57	63.06	51.13	39.19	32.03
FEMALES		1604	52.70	6.63	32.94	70.57	70.57	64.48	53.97	43.45	37.14
ELEM F.ED.		859	48.79	6.88	27.26	70.57	70.57	63.06	51.13	39.19	32.03
HS F.ED.		815	50.23	7.14	27.26	70.57	70.57	63.06	51.13	39.19	32.03
COLL F.ED.		1109	53.21	7.13	30.03	70.57	70.57	63.76	52.51	41.27	34.52
D.K.F.ED.		209	49.49	7.87	30.03	70.57	70.57	63.76	52.51	41.27	34.52
BLACK		325	50.04	7.03	30.17	70.57	70.57	63.79	52.58	41.38	34.65
WHITE		2667	50.97	7.39	27.26	70.57	70.57	63.06	51.13	39.19	32.03
NOT IN SAMPLE		741	50.24	7.51	27.26	70.57	70.57	63.06	51.13	39.19	32.03

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
CUR	SEX F.ED RACE						10	25	50	75	90
A	M ELEM B	11	49.53	7.46	35.85	59.92	59.92	59.92	55.42	45.63	39.76
A	M ELEM W	139	48.76	6.64	32.94	62.69	62.69	62.69	53.97	43.45	37.14
A	M HS B	18	50.90	6.95	40.54	67.80	66.38	66.38	57.77	49.15	43.98
A	M HS W	200	49.89	7.65	30.17	70.57	70.57	63.79	52.58	41.38	34.65
A	M COLL B	16	52.36	6.96	38.76	62.69	62.69	62.69	56.88	47.82	42.38
A	M COLL W	365	52.31	7.44	35.14	70.57	70.57	65.03	55.07	45.11	39.13
A	M D.K. B	4	51.47	5.75	45.79	59.35	*	*	*	*	*
A	M D.K. W	17	50.92	6.20	38.62	64.89	64.89	64.89	56.81	47.71	42.25
A	F ELEM B	22	52.52	7.84	35.71	65.60	65.60	65.18	55.35	45.53	39.64
A	F ELEM W	116	54.01	5.54	40.68	67.80	67.80	66.42	57.84	49.26	44.11
A	F HS B	17	53.54	5.60	43.02	62.83	62.83	62.83	59.01	51.01	46.22
A	F HS W	169	53.65	6.49	32.94	67.80	67.80	64.48	53.97	43.45	37.14
A	F COLL B	8	58.72	6.27	51.33	70.57	70.57	69.08	63.16	57.24	53.69
A	F COLL W	421	56.01	5.99	37.91	70.57	70.57	65.73	56.46	47.18	41.62
A	F D.K. B	9	55.97	9.51	42.88	70.57	70.57	66.97	58.94	50.91	46.09
A	F D.K. W	33	54.23	5.87	40.82	64.89	64.89	64.89	57.91	49.37	44.24
N	M ELEM B	41	46.58	6.61	30.17	61.98	61.98	61.98	52.58	41.38	34.65
N	M ELEM W	193	44.50	6.61	27.26	62.12	62.12	62.12	51.13	39.19	32.03
N	M HS B	34	47.06	7.21	35.00	59.92	59.92	59.92	55.00	45.00	39.00
N	M HS W	149	46.34	6.58	27.26	62.12	62.12	62.12	51.13	39.19	32.03
N	M COLL B	16	51.37	6.05	38.47	64.89	64.89	64.89	56.74	47.60	42.13
N	M COLL W	-21	47.47	6.62	30.03	62.69	62.69	62.69	52.51	41.27	34.52
N	M D.K. B	12	45.97	7.01	35.14	61.84	61.84	61.84	55.07	45.10	39.13
N	M D.K. W	52	44.92	8.20	30.03	62.69	62.69	62.69	52.51	41.27	34.52
N	F ELEM B	59	49.18	5.44	37.91	59.92	59.92	59.92	56.46	47.18	41.62
N	F ELEM W	278	49.53	5.97	32.94	67.80	67.80	64.48	53.97	43.45	37.14
N	F HS B	33	50.94	5.47	40.68	59.92	59.92	59.92	57.84	49.26	44.11
N	F HS W	195	50.67	6.23	35.71	70.57	70.57	65.18	55.35	45.53	39.64
N	F COLL B	7	57.07	5.84	51.33	65.60	65.60	65.60	53.16	57.24	53.69
N	F COLL W	155	52.03	6.20	32.94	64.89	64.89	64.89	53.97	43.45	37.14
N	F D.K. B	18	47.36	6.21	37.91	57.01	57.01	57.01	56.46	47.18	41.62
N	F D.K. W	64	50.59	7.09	32.94	70.57	70.57	64.48	53.97	43.45	37.14
TOTAL		2992	50.87	7.36	27.26	70.57	70.57	63.06	51.13	39.19	32.03

KEY

- A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 284

BEQ SCALE 11 (ACADEMIC EFFORT), 1ST ORDER TREND

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES				
MARGINALS							10	25	50	75	90
ACADEMIC		1565	0.59	8.36	-28.48	32.53	-11.28	-6.32	-0.51	5.34	11.23
NON-ACADEMIC		1427	-0.74	8.58	-28.48	26.65	-12.89	-7.16	-1.06	5.06	11.01
MALES		1388	-0.99	8.81	-28.48	32.53	-13.07	-7.26	-1.13	5.01	10.93
FEMALES		1604	0.77	8.12	-28.48	26.65	-10.59	-6.34	-0.49	5.36	11.28
ELEM F.ED.		859	-0.11	8.55	-28.48	26.65	-12.71	-6.89	-0.83	5.23	11.20
HS F.ED.		815	-0.52	8.29	-28.48	32.53	-12.44	-6.92	-0.96	4.99	10.78
COLL F.ED.		1109	0.48	8.52	-28.48	21.98	-11.69	-6.49	-0.50	5.37	11.27
D.K.F.ED.		209	-0.72	8.77	-28.48	21.98	-12.91	-7.19	-1.13	5.24	11.17
BLACK		325	-0.66	8.72	-22.61	21.98	-12.97	-7.16	-1.03	5.12	11.18
WHITE		2667	0.03	8.46	-28.48	32.53	-12.32	-6.75	-0.75	5.23	11.13
NOT IN SAMPLE		741	-0.54	8.85	-28.48	26.65	-12.69	-7.06	-1.01	5.09	11.03

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
CUR SEX F-ED RACE							10	25	50	75	90	
A	M	ELEM	8	11	-1.18	6.89	-10.86	-7.95	-7.13	-1.67	4.50	9.80
A	M	ELEM	W	139	0.41	8.33	-17.94	-12.20	-6.66	-0.74	5.31	11.52
A	M	HS	8	18	-2.60	9.58	-22.61	-13.47	-7.75	-5.00	4.50	11.20
A	M	HS	W	200	-0.77	8.46	-22.61	-12.67	-6.85	-1.02	4.81	10.00
A	M	COLL	8	16	0.27	7.79	-10.86	-7.80	-7.00	-1.33	5.33	10.80
A	M	COLL	W	365	0.17	8.61	-28.48	-11.94	-6.58	-0.59	5.33	11.24
A	M	D.K.	8	4	-6.19	11.76	-16.73	*	*	*	*	*
A	M	D.K.	W	17	-0.95	10.20	-17.94	-13.53	-11.50	-1.25	5.75	14.60
A	F	ELEM	8	22	3.04	7.85	-12.06	-7.80	-1.40	4.44	5.67	15.00
A	F	ELEM	W	116	2.71	7.49	-16.73	-7.28	-1.93	4.11	5.77	11.79
A	F	HS	8	17	-2.32	10.68	-17.94	-16.69	-11.50	-1.17	4.50	15.17
A	F	HS	W	169	0.75	8.04	-16.73	-11.13	-6.50	-0.39	5.42	11.12
A	F	COLL	8	8	4.24	3.99	-0.32	-0.32	0.0	4.50	5.50	10.40
A	F	COLL	W	421	1.19	8.25	-22.61	-10.47	-4.88	-0.22	5.40	11.21
A	F	D.K.	8	9	-2.01	8.40	-12.06	-12.06	-11.50	-1.00	4.75	10.20
A	F	D.K.	W	33	2.03	7.44	-12.06	-7.08	-1.96	-0.58	5.58	11.48
N	M	ELEM	8	41	-3.85	8.13	-17.94	-13.76	-12.39	-6.11	3.50	5.69
N	M	ELEM	W	193	-2.38	9.59	-28.48	-13.65	-12.04	-1.59	4.65	10.62
N	M	HS	8	34	-0.71	7.23	-17.94	-12.40	-6.25	-0.86	4.50	9.20
N	M	HS	W	149	-2.33	8.52	-28.48	-13.54	-7.55	-1.42	4.31	9.40
N	M	COLL	8	16	-0.91	11.89	-16.73	-13.40	-7.60	-6.00	-0.50	18.26
N	M	COLL	W	121	-1.44	9.33	-22.61	-13.36	-7.67	-1.68	5.26	11.52
N	M	D.K.	8	12	0.84	7.50	-12.06	-7.87	-6.67	2.00	6.00	10.22
N	M	D.K.	W	52	-1.28	8.75	-17.94	-13.09	-7.57	-1.43	5.33	9.92
N	F	ELEM	8	59	-1.00	8.40	-22.61	-12.84	-6.88	-1.00	5.05	10.91
N	F	ELEM	W	278	0.56	7.96	-17.94	-12.10	-6.49	-0.66	5.27	11.27
N	F	HS	8	33	0.39	7.70	-12.06	-7.76	-6.86	-1.00	5.19	11.70
N	F	HS	W	195	0.27	7.90	-17.94	-7.94	-6.74	-0.84	5.14	11.36
N	F	COLL	8	7	3.04	9.52	-10.86	-10.60	-6.50	4.50	10.50	15.33
N	F	COLL	W	155	0.66	8.00	-22.61	-11.25	-6.66	-0.23	5.36	11.07
N	F	D.K.	8	18	1.95	11.84	-17.94	-15.29	-7.50	4.50	11.50	17.31
N	F	D.K.	W	64	-2.16	7.95	-28.48	-12.40	-7.16	-1.67	2.00	9.20
TOTAL		2992	-0.04	8.49	-28.48	32.53	-12.41	-6.80	-0.78	5.22	11.14	

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic
(N < 5)

BEQ SCALE 11 (ACADEMIC EFFORT), 0 URDER TREND

TABLE 285

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	7904150.6475	2991					
MEAN	7742326.4586	1	7742326.4586	143093.5625		0.0000	
ERROR	161833.1889	2990	54.1067				
CUR	10028.4405	1	10028.4405	231.4014		0.0000	
SEX	13127.3643	1	13127.3643	302.9075		0.0000	
F.ED	4229.1351	3	1409.7117	32.5284		0.0000	
RACE	114.7842	1	114.7842	2.6486		0.1038	
ERROR	129363.4413	2984	43.3378				
CS	34.9041	1	34.9041	0.8061		0.3695	
CF	192.8141	3	64.2714	1.4843		0.2168	
CR	26.5405	1	26.5405	0.6129		0.4340	
SF	69.7318	3	23.2439	0.5368		0.6568	
SR	100.4308	1	100.4308	2.3193		0.1281	
FR	179.9125	3	59.9708	1.3850		0.2455	
ERROR	128735.1844	2972	43.3015				
CSF	36.0167	3	12.0056	0.2772		0.8418	
CSR	6.9059	1	6.9059	0.1594		0.6898	
CFR	180.7257	3	60.2419	1.3908		0.2437	
SFR	139.4203	3	46.4734	1.0729		0.3593	
ERROR	128343.7334	2962	43.3155				
CSFR	49.1453	3	16.3818	0.3780		0.7689	
ERROR	128294.5881	2959	43.3428				

KEY

A academic

B black

BEQ Background and Experience Questionnaire

COLL college

CF curriculum-father's education interaction

CR curriculum-race interaction

CS curriculum-sex interaction

CUR curriculum

D.K. respondent did not know

ELEM elementary school

F female

F.ED father's education

HS high school

M male

MAX maximum

MIN minimum

N (when in "curriculum" column) non-academic

N number of cases

NDF number of degrees of freedom

SCAT School and College Ability Tests

S.D. standard deviation

STEP Sequential Tests of Educational Progress

TGI Test of General Information

W white

* no valid statistic (N < 5)

TABLE 286

BEQ SCALE 11 (ACADEMIC EFFORT), 1ST ORDER TREND

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE		SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO		
TOTAL		215669.4309	2991				
MEAN		6.0496	1	6.0496	0.0839	0.7722	
ERROR		215663.3813	2990	72.1041			
CUR		1150.2570	1	1150.2570	16.2288	0.0001	
SEX		2466.2960	1	2466.2960	34.7966	0.0001	
F.ED		239.9960	3	79.9987	1.1287	0.3361	
RACE		23.7197	1	23.7197	0.3347	0.5631	
ERROR		211569.3715	2984	70.8775			
CS		43.4432	1	43.4432	0.6139	0.4335	
CF		461.1249	3	153.7083	2.1721	0.0893	
CR		149.5437	1	149.5437	2.1133	0.1463	
SF		284.0786	3	94.6929	1.3382	0.2601	
SR		5.8948	1	5.8948	0.0833	0.7730	
FR		289.6533	3	96.5511	1.3644	0.2518	
ERROR		210379.0634	2972	70.7632			
CSF		195.0373	3	65.0124	0.9194	0.4306	
CSR		11.3894	1	11.3894	0.1611	0.6883	
CFR		531.3199	3	177.1066	2.5046	0.0574	
SFR		122.3313	3	40.7771	0.5767	0.6301	
ERROR		209524.2772	2962	70.7136			
CSFR		12.7911	3	4.2637	0.0602	0.9805	
ERROR		209511.4862	2959	70.7809			

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 287

BEQ WORK SCALE, GRADE 11, 1967

CLASSIFICATION		N	MEAN	S.D.	MIN	MAX	PERCENTILES					
MARGINALS							10	25	50	75	90	
ACADEMIC		1753	48.55	9.16	38.10	71.90	39.05	41.38	45.82	55.29	63.69	
NON-ACADEMIC		1667	50.61	10.18	38.10	71.90	39.38	42.20	47.13	56.55	66.29	
MALES		1594	52.59	9.89	38.10	71.90	40.22	43.88	53.66	57.44	66.81	
FEMALES		1826	46.90	8.75	38.10	71.90	38.78	40.69	44.44	54.11	57.14	
ELEM F.ED.		1029	50.94	10.01	38.10	71.90	39.63	42.76	47.12	56.77	66.30	
HS F.ED.		937	49.26	9.86	38.10	71.90	39.05	41.38	46.27	55.82	65.02	
COLL F.ED.		1207	48.61	9.12	38.10	71.90	39.08	41.45	45.92	55.27	63.45	
D.K.F.ED.		247	49.56	10.26	38.10	71.90	39.01	41.27	46.57	56.08	65.63	
BLACK		486	50.13	9.74	38.10	71.90	39.52	42.55	46.55	55.98	65.74	
WHITE		2934	49.46	9.72	38.10	71.90	39.15	41.63	46.42	55.89	65.03	
NOT IN SAMPLE		3239	50.47	10.26	38.10	71.90	39.33	42.07	46.90	56.54	66.35	
CUR SEX F.ED RACE		N	MEAN	S.D.	MIN	MAX	10	25	50	75	90	
A	M	ELEM	B	16	46.55	8.16	38.10	38.83	40.83	44.50	53.75	56.75
A	M	ELEM	W	160	52.94	9.61	38.10	40.58	44.25	53.90	63.07	66.50
A	M	HS	B	27	51.56	9.15	38.10	39.75	43.25	53.75	57.12	63.45
A	M	HS	W	226	51.00	9.23	38.10	39.76	43.09	52.99	56.48	65.22
A	M	COLL	B	19	49.66	8.07	38.10	40.67	43.59	46.56	54.82	56.86
A	M	COLL	W	385	50.54	9.13	38.10	39.69	42.90	52.59	56.21	64.90
A	M	D.K.	B	6	47.96	8.31	38.10	40.50	43.13	45.00	46.88	63.45
A	M	D.K.	W	20	54.58	8.44	38.10	42.50	47.50	55.00	57.50	66.25
A	F	ELEM	B	36	49.13	9.44	38.10	39.75	42.79	45.44	54.50	65.50
A	F	ELEM	W	142	47.92	9.42	38.10	38.87	40.91	45.14	54.93	63.32
A	F	HS	B	26	45.25	9.47	38.10	38.43	39.82	42.14	53.00	56.90
A	F	HS	W	184	45.13	7.90	38.10	38.56	40.14	42.99	47.50	56.23
A	F	COLL	B	15	47.11	9.29	38.10	38.75	40.63	44.38	54.58	63.45
A	F	COLL	W	442	45.63	7.85	38.10	38.65	40.36	43.62	53.14	56.26
A	F	D.K.	B	11	50.39	10.93	38.10	39.33	42.08	46.67	56.25	67.00
A	F	D.K.	W	38	44.99	8.07	38.10	38.45	39.88	42.25	53.64	56.23
A	F	ELEM	B	51	54.67	10.95	38.10	41.75	44.61	53.96	65.16	69.67
N	M	ELEM	W	236	55.21	10.19	38.10	41.71	45.37	55.15	64.91	68.57
N	M	HS	B	47	54.64	9.48	38.10	42.79	45.73	54.47	62.71	68.58
N	M	HS	W	165	54.54	10.85	38.10	40.16	44.64	54.96	64.56	68.91
N	M	COLL	B	20	52.04	11.06	38.10	40.00	43.21	46.79	63.75	67.50
N	M	COLL	W	140	52.89	9.68	38.10	40.68	44.31	53.75	57.40	66.85
N	M	D.K.	B	21	52.59	8.92	38.10	40.13	45.62	54.38	56.56	64.75
N	M	D.K.	W	55	54.23	11.53	38.10	39.79	43.47	54.82	65.10	69.06
N	F	ELEM	B	84	48.46	8.43	38.10	39.50	42.50	45.59	54.50	62.93
N	F	ELEM	W	304	48.47	9.20	38.10	39.10	41.50	45.56	55.06	63.86
N	F	HS	B	53	47.98	8.41	38.10	39.16	41.64	45.59	54.61	57.09
N	F	HS	W	209	46.15	8.88	38.10	38.61	40.28	43.51	53.64	56.98
N	F	COLL	B	21	51.38	10.88	38.10	39.60	42.71	47.08	57.25	67.33
N	F	COLL	W	165	47.68	8.73	38.10	38.85	40.88	45.49	54.93	57.18
N	F	D.K.	B	33	48.34	10.72	38.10	38.77	40.67	45.00	55.14	66.00
N	F	D.K.	W	63	46.28	8.71	38.10	38.67	40.42	43.82	53.66	57.04
TOTAL		3420	49.55	9.72	38.10	71.90	39.20	41.74	46.44	55.90	65.12	

KEY

A academic
 B black
 BEQ Background and Experience Questionnaire
 COLL college
 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
 F female
 F.ED father's education
 HS high school
 M male
 MAX maximum
 MIN minimum
 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

TABLE 288

DEPENDENT VARIABLE		***** ANALYSIS OF VARIANCE TABLE *****				PROBABILITY OF LARGER F	
SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO			
TOTAL	8721581.0850	3419					
MEAN	8398288.0211	1	8398288.0211	88816.4375		0.0000	
ERROR	323293.0638	3418	94.5578				
CUR	2868.1713	1	2868.1713	33.8543		0.0001	
SEX	28815.8764	1	28815.8764	340.1265		0.0000	
F.ED	1807.6948	3	602.5649	7.1123		0.0002	
RACE	38.6409	1	38.6409	0.4561		0.4997	
ERROR	289152.7480	3412	84.7210				
CS	464.8671	1	464.8671	5.5072		0.0191	
CF	184.0520	3	61.3507	0.7268		0.5357	
CR	46.0561	1	46.0561	0.5456		0.4604	
SF	642.7922	3	214.2641	2.5384		0.0549	
SR	634.4106	1	634.4106	7.5158		0.0052	
FR	254.0345	3	84.6782	1.0032		0.3902	
ERROR	287079.0113	3400	84.4102				
CSF	222.2266	3	74.0755	0.8769		0.4522	
CSR	88.4687	1	88.4687	1.0472		0.3063	
CFR	23.3131	3	7.7710	0.0920		0.9644	
SFR	237.5863	3	79.1954	0.9375		0.4216	
ERROR	286465.8406	3390	84.4783				
CSFR	471.2373	3	157.0791	1.8608		0.1341	
ERROR	285994.6033	3387	84.4140				

KEY

A academic
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 BEQ Background and Experience Questionnaire
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 CF curriculum-father's education interaction
 CR curriculum-race interaction
 CS curriculum-sex interaction
 CUR curriculum
 D.K. respondent did not know
 ELEM elementary school
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 N (when in "curriculum" column) non-academic
 N number of cases
 NDF number of degrees of freedom
 SCAT School and College Ability Tests
 S.D. standard deviation
 STEP Sequential Tests of Educational Progress
 TGI Test of General Information
 W white
 * no valid statistic (N < 5)

STEP MATHEMATICS

TABLE 289

ACADEMIC

NUMBER OF OBSERVATIONS IS 1593

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7015	0.6739	0.6139	250.8908	10.6660
1963	0.7015	1.0000	0.7542	0.7007	264.8092	12.3112
1965	0.6739	0.7542	1.0000	0.7371	276.0998	12.2665
1967	0.6139	0.7007	0.7371	1.0000	282.6711	13.8434

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1660

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5945	0.6078	0.4925	242.9831	9.4419
1963	0.5945	1.0000	0.6267	0.4921	253.2337	12.7500
1965	0.6078	0.6267	1.0000	0.5567	263.2916	12.8680
1967	0.4925	0.4921	0.5567	1.0000	268.6813	15.6667

MALES

NUMBER OF OBSERVATIONS IS 1528

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7255	0.7017	0.6410	247.1669	11.3872
1963	0.7255	1.0000	0.7624	0.6724	259.6924	14.1546
1965	0.7017	0.7624	1.0000	0.7274	270.8056	14.4480
1967	0.6410	0.6724	0.7274	1.0000	278.2317	16.1668

FEMALES

NUMBER OF OBSERVATIONS IS 1965

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6777	0.6798	0.5960	246.5160	10.2431
1963	0.6777	1.0000	0.7215	0.6471	258.1089	13.5489
1965	0.6798	0.7215	1.0000	0.6831	268.4911	13.6658
1967	0.5960	0.6471	0.6831	1.0000	273.1740	16.2379

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 982

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6376	0.6563	0.5502	244.9715	9.7892
1963	0.6376	1.0000	0.6743	0.5579	255.6904	12.7800
1965	0.6563	0.6743	1.0000	0.6343	266.1996	13.0175
1967	0.5502	0.5579	0.6343	1.0000	271.9481	15.3451

HS F.ED.

NUMBER OF OBSERVATIONS IS 873

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6799	0.6937	0.5952	246.4605	10.3893
1963	0.6799	1.0000	0.7269	0.6417	258.3677	13.3862
1965	0.6937	0.7269	1.0000	0.6710	268.9714	13.4681
1967	0.5952	0.6417	0.6710	1.0000	275.5578	15.3140

B41

STEP SCIENCE

TABLE 291

ACADEMIC	NUMBER OF OBSERVATIONS IS 1547			
	1961	1963	1965	1967
1961	1.0000	0.7304	0.6819	0.6407
1963	0.7304	1.0000	0.7166	0.6470
1965	0.6819	0.7166	1.0000	0.7007
1967	0.6407	0.6470	0.7007	1.0000
	MEAN			S.D.
	259.5663			12.4163
	270.6561			11.3798
	279.8888			12.8124
	286.4486			12.3546
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1580			
	1961	1963	1965	1967
1961	1.0000	0.6124	0.5888	0.5153
1963	0.6124	1.0000	0.6305	0.5133
1965	0.5888	0.6305	1.0000	0.5779
1967	0.5153	0.5133	0.5779	1.0000
	MEAN			S.D.
	249.8570			10.9981
	261.2848			9.2917
	267.3671			11.8430
	275.6734			11.3176
MALES	NUMBER OF OBSERVATIONS IS 1467			
	1961	1963	1965	1967
1961	1.0000	0.7275	0.6949	0.6553
1963	0.7275	1.0000	0.7430	0.6713
1965	0.6949	0.7430	1.0000	0.7312
1967	0.6553	0.6713	0.7312	1.0000
	MEAN			S.D.
	255.4390			13.8236
	266.8793			12.7491
	275.0014			15.1157
	283.4465			13.9632
FEMALES	NUMBER OF OBSERVATIONS IS 1879			
	1961	1963	1965	1967
1961	1.0000	0.7270	0.7055	0.6422
1963	0.7270	1.0000	0.7228	0.6370
1965	0.7055	0.7228	1.0000	0.6786
1967	0.6422	0.6370	0.6786	1.0000
	MEAN			S.D.
	253.9175			11.5702
	264.9894			10.1198
	272.2576			12.6695
	278.8808			11.8394
ELEM F-ED.	NUMBER OF OBSERVATIONS IS 945			
	1961	1963	1965	1967
1961	1.0000	0.6783	0.6622	0.6129
1963	0.6783	1.0000	0.6647	0.5795
1965	0.6622	0.6647	1.0000	0.6665
1967	0.6129	0.5795	0.6665	1.0000
	MEAN			S.D.
	252.0709			11.1740
	263.3968			9.7562
	269.4339			12.1540
	278.2815			11.9115
HS F-ED.	NUMBER OF OBSERVATIONS IS 858			
	1961	1963	1965	1967
1961	1.0000	0.6514	0.6549	0.5885
1963	0.6514	1.0000	0.7054	0.6077
1965	0.6549	0.7054	1.0000	0.6595
1967	0.5885	0.6077	0.6595	1.0000
	MEAN			S.D.
	253.9452			12.1957
	265.0093			10.8869
	272.7016			12.8251
	280.5699			12.1323

STEP SCIENCE

TABLE 292

COLL F-ED.

NUMBER OF OBSERVATIONS IS 1003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7371	0.6831	0.6562	259.3091	13.0510
1963	0.7371	1.0000	0.7460	0.6854	270.5155	11.7394
1965	0.6831	0.7460	1.0000	0.7196	279.6939	13.9036
1967	0.6562	0.6854	0.7196	1.0000	285.5005	13.3848

D.K. F-ED.

NUMBER OF OBSERVATIONS IS 102

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4964	0.5163	0.3545	241.4412	9.9376
1963	0.4964	1.0000	0.5594	0.3827	255.1765	8.5100
1965	0.5163	0.5594	1.0000	0.4890	262.0686	10.2261
1967	0.3545	0.3827	0.4890	1.0000	269.6569	10.5026

BLACK

NUMBER OF OBSERVATIONS IS 476

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5955	0.5607	0.5060	244.4370	10.0381
1963	0.5955	1.0000	0.6225	0.4430	257.8634	8.8320
1965	0.5607	0.6225	1.0000	0.5462	263.5357	11.1125
1967	0.5060	0.4480	0.5462	1.0000	270.8046	10.0452

WHITE

NUMBER OF OBSERVATIONS IS 2651

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7119	0.6780	0.6162	256.4960	12.2321
1963	0.7119	1.0000	0.7208	0.6404	267.3678	11.1877
1965	0.6780	0.7208	1.0000	0.6927	275.3621	13.4966
1967	0.6162	0.6404	0.6927	1.0000	282.8355	12.6291

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3355

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7313	0.6979	0.6522	254.2697	12.7782
1963	0.7313	1.0000	0.7416	0.6617	265.6870	11.4267
1965	0.6979	0.7416	1.0000	0.7132	273.4083	14.0174
1967	0.6522	0.6617	0.7132	1.0000	280.6689	13.1354

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 228

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7251	0.6877	0.6383	248.9123	12.8237
1963	0.7251	1.0000	0.7962	0.6733	262.4781	11.4981
1965	0.6877	0.7962	1.0000	0.7515	271.3026	16.2235
1967	0.6383	0.6733	0.7515	1.0000	276.0702	13.9600

STEP SOCIAL STUDIES

TABLE 293

NUMBER OF OBSERVATIONS IS 1533

ACADEMIC	NUMBER OF OBSERVATIONS IS				S.D.
	1961	1963	1965	1967	
1961	1.0000	0.7706	0.7128	0.6943	256.0000
1963	0.7706	1.0000	0.7597	0.7518	267.2042
1965	0.7128	0.7597	1.0000	0.7451	279.2779
1967	0.6943	0.7518	0.7451	1.0000	285.5088

NUMBER OF OBSERVATIONS IS 1561

NON-ACADEMIC	NUMBER OF OBSERVATIONS IS					
	1961	1963	1965	1967		
				MEAN	S.D.	
1961	1.0000	0.7088	0.6759	0.5811	246.9007	9.8323
1963	0.7088	1.0000	0.7031	0.6101	255.6707	9.9617
1965	0.6759	0.7031	1.0000	0.6340	265.3921	12.8076
1967	0.5811	0.6101	0.6340	1.0000	270.2050	11.8951

NUMBER OF OBSERVATIONS IS 1452

MALES	NUMBER OF OBSERVATIONS IS												
	1961			1963			1965			1967			MEAN
1961	1.0000	0.7875	0.7477	0.7875	0.7477	0.7078	0.7078	0.7477	0.7078	0.7078	0.7078	251.7762	12.5306
1963	0.7875	1.0000	0.7776	1.0000	0.7776	0.7570	0.7570	0.7776	0.7570	0.7570	0.7570	261.5764	13.8671
1965	0.7477	0.7776	1.0000	0.7776	1.0000	0.7691	0.7691	1.0000	0.7691	0.7691	0.7691	272.9415	15.8828
1967	0.7078	0.7570	0.7691	0.7570	0.7691	1.0000	1.0000	0.7691	1.0000	1.0000	1.0000	278.9897	15.6768

NUMBER OF OBSERVATIONS IS 1859

FEMALES	NUMBER OF OBSERVATIONS IS											
	1961	1963	1965	1967	MEAN	S.D.						
1961	1.0000	0.7819	0.7442	0.7146	250.9683	10.7143						
1963	0.7819	1.0000	0.7916	0.7679	261.0490	12.7009						
1965	0.7442	0.7916	1.0000	0.7591	271.4879	14.4249						
1967	0.7146	0.7679	0.7591	1.0000	276.4088	14.4486						

NUMBER OF OBSERVATIONS IS 936

ELEM F-ED.	NUMBER OF OBSERVATIONS IN											
	1961	1963	1965	1967	MEAN	S.D.						
1961	1.0000	0.7684	0.7473	0.6501	248.9306	10.1837						
1963	0.7684	1.0000	0.7729	0.7006	258.1036	11.4063						
1965	0.7473	0.7729	1.0000	0.7245	268.3280	13.6072						
1967	0.6501	0.7006	0.7245	1.0000	273.5812	13.4068						

NUMBER OF OBSERVATIONS IS 845

HS F-ED.	NUMBER OF OBSERVATIONS IN											
	1961	1963	1965	1967	MEAN				S.D.			
1961	1.0000	0.7683	0.7212	0.6649	251.0024	11.4292						
1963	0.7683	1.0000	0.7481	0.7168	260.4142	12.5558						
1965	0.7212	0.7481	1.0000	0.7228	271.1124	14.2607						
1967	0.6649	0.7168	0.7228	1.0000	277.1598	14.3505						

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TABLE 295

STEP READING

ACADEMIC	NUMBER OF OBSERVATIONS IS 1524			
	1961	1963	1965	1967
1961	1.0000	0.7575	0.7062	0.7084
1963	0.7575	1.0000	0.7678	0.7319
1965	0.7062	0.7678	1.0000	0.7413
1967	0.7084	0.7319	0.7413	1.0000
	MEAN			S.D.
	264.6542			16.0494
	278.3045			16.1327
	289.4337			13.6420
	301.1726			15.1990
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1550			
	1961	1963	1965	1967
1961	1.0000	0.7046	0.6619	0.6362
1963	0.7046	1.0000	0.7040	0.6510
1965	0.6619	0.7040	1.0000	0.6974
1967	0.6362	0.6510	0.6974	1.0000
	MEAN			S.D.
	252.6097			13.5951
	263.5729			15.6975
	275.4961			16.0363
	285.5103			16.8152
MALES	NUMBER OF OBSERVATIONS IS 1444			
	1961	1963	1965	1967
1961	1.0000	0.7518	0.7149	0.7050
1963	0.7518	1.0000	0.7704	0.7151
1965	0.7149	0.7704	1.0000	0.7599
1967	0.7050	0.7151	0.7599	1.0000
	MEAN			S.D.
	255.9044			15.9540
	268.4460			17.9663
	279.3830			17.2688
	290.5339			18.6349
FEMALES	NUMBER OF OBSERVATIONS IS 1845			
	1961	1963	1965	1967
1961	1.0000	0.7830	0.7235	0.7273
1963	0.7830	1.0000	0.7747	0.7630
1965	0.7235	0.7747	1.0000	0.7752
1967	0.7273	0.7630	0.7752	1.0000
	MEAN			S.D.
	260.4596			15.7155
	272.4309			17.0135
	284.5778			15.3935
	294.9783			17.0591
ELEM F.ED.	NUMBER OF OBSERVATIONS IS 928			
	1961	1963	1965	1967
1961	1.0000	0.7377	0.6901	0.6788
1963	0.7377	1.0000	0.7412	0.7189
1965	0.6901	0.7412	1.0000	0.7334
1967	0.6788	0.7189	0.7334	1.0000
	MEAN			S.D.
	255.6282			14.3271
	267.1541			16.4860
	278.6584			15.9706
	289.2834			17.6952
HS F.ED.	NUMBER OF OBSERVATIONS IS 843			
	1961	1963	1965	1967
1961	1.0000	0.7704	0.7104	0.7066
1963	0.7704	1.0000	0.7532	0.7194
1965	0.7104	0.7532	1.0000	0.7244
1967	0.7066	0.7194	0.7244	1.0000
	MEAN			S.D.
	257.6690			15.4540
	269.8612			17.3464
	281.2705			16.2303
	292.6963			17.1592

TABLE 296

STEP READING

COLL F-ED.	NUMBER OF OBSERVATIONS IS 989			
	1961	1963	1965	1967
	1.0000	0.7562	0.7116	0.7116
1961	1.0000	0.7562	0.7116	0.7116
1963	0.7562	1.0000	0.7840	0.7349
1965	0.7116	0.7840	1.0000	0.7646
1967	0.7116	0.7349	0.7646	1.0000
	MEAN	MEAN	MEAN	S.D.
	264.1001	264.1001	16.5519	16.5519
	277.4954	277.4954	16.5047	16.5047
	288.7978	288.7978	14.5476	14.5476
	299.7735	299.7735	16.3273	16.3273
	MEAN	MEAN	MEAN	S.D.
	278.9495	278.9495	15.4078	15.4078
	MEAN	MEAN	MEAN	S.D.
	242.9192	242.9192	12.3056	12.3056
	254.7677	254.7677	14.0424	14.0424
	266.9697	266.9697	16.5490	16.5490
	278.9495	278.9495	15.4078	15.4078
	MEAN	MEAN	MEAN	S.D.
	246.8678	246.8678	12.6080	12.6080
	258.7621	258.7621	15.0102	15.0102
	270.7489	270.7489	15.6327	15.6327
	280.0308	280.0308	16.6641	16.6641
	MEAN	MEAN	MEAN	S.D.
	260.6107	260.6107	15.6935	15.6935
	272.9756	272.9756	17.0863	17.0863
	284.4260	284.4260	15.7287	15.7287
	295.5702	295.5702	17.0240	17.0240
	MEAN	MEAN	MEAN	S.D.
	258.0701	258.0701	16.0476	16.0476
	270.4627	270.4627	17.6871	17.6871
	282.0603	282.0603	16.5772	16.5772
	292.8215	292.8215	17.9687	17.9687
	MEAN	MEAN	MEAN	S.D.
	250.5550	250.5550	14.2314	14.2314
	264.3780	264.3780	18.7424	18.7424
	276.9761	276.9761	17.6238	17.6238
	286.1483	286.1483	18.4609	18.4609

O.K. F-ED.

BLACK

WHITE

TOTAL SAMPLE

NOT IN SAMPLE

STEP L1: JENING

TABLE 297

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7520	0.6905	0.6012	273.2782	11.6709
1963	0.7520	1.0000	0.7521	0.6677	284.4625	13.5940
1965	0.6905	0.7521	1.0000	0.6750	291.9839	14.0011
1967	0.6012	0.6677	0.6750	1.0000	297.3619	14.1426

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1484

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7283	0.6790	0.6006	263.6604	11.1291
1963	0.7283	1.0000	0.7327	0.6342	271.8753	11.8017
1965	0.6790	0.7327	1.0000	0.6543	279.1563	13.0128
1967	0.6006	0.6342	0.6543	1.0000	284.8511	12.9001

MALES

NUMBER OF OBSERVATIONS IS 1398

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7690	0.7276	0.6370	268.7518	12.0918
1963	0.7690	1.0000	0.7793	0.6786	278.3548	14.0921
1965	0.7276	0.7793	1.0000	0.7063	285.3505	14.5784
1967	0.6370	0.6786	0.7063	1.0000	290.8619	15.0221

FEMALES

NUMBER OF OBSERVATIONS IS 1787

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7932	0.7463	0.6944	268.1063	12.5204
1963	0.7932	1.0000	0.8051	0.7569	277.8355	14.3988
1965	0.7463	0.8051	1.0000	0.7494	285.5741	15.3504
1967	0.6944	0.7569	0.7494	1.0000	291.1142	14.9363

ELEM F-ED.

NUMBER OF OBSERVATIONS IS 900

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7536	0.7061	0.6285	265.5844	11.3236
1963	0.7536	1.0000	0.7720	0.7062	274.6733	12.6105
1965	0.7061	0.7720	1.0000	0.7199	281.3400	13.3160
1967	0.6285	0.7062	0.7199	1.0000	288.0578	13.6404

HS F-ED.

NUMBER OF OBSERVATIONS IS 824

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7536	0.7113	0.6507	267.7937	11.8267
1963	0.7536	1.0000	0.7656	0.6858	276.9672	13.8153
1965	0.7113	0.7656	1.0000	0.7042	283.9345	14.1877
1967	0.6507	0.6858	0.7042	1.0000	290.2925	14.0496

STEP LISTENING

TABLE 298

COLL F-ED.	NUMBER OF OBSERVATIONS IS 955				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.7685	0.7024	0.6202	273.2387 12.2637
1963	0.7685	1.0000	0.7509	0.6680	284.1874 13.6326
1965	0.7024	0.7509	1.0000	0.6685	292.4545 14.5291
1967	0.6202	0.6680	0.6685	1.0000	296.3351 14.9980
D.K. F-ED.	NUMBER OF OBSERVATIONS IS 88				
1961	1.0000	0.7920	0.6710	0.4834	256.2955 10.6068
1963	0.7920	1.0000	0.7802	0.5370	264.8182 11.6126
1965	0.6710	0.7802	1.0000	0.5658	274.0114 11.5537
1967	0.4834	0.5370	0.5658	1.0000	278.0341 12.8137
BLACK	NUMBER OF OBSERVATIONS IS 424				
1961	1.0000	0.7151	0.6821	0.5827	257.9387 10.6366
1963	0.7151	1.0000	0.7238	0.6081	266.0425 11.5374
1965	0.6821	0.7238	1.0000	0.6871	274.8538 12.2080
1967	0.5827	0.6081	0.6871	1.0000	280.2028 12.9388
WHITE	NUMBER OF OBSERVATIONS IS 2552				
1961	1.0000	0.7593	0.7120	0.6338	270.2339 11.7596
1963	0.7593	1.0000	0.7750	0.6952	280.2034 13.5844
1965	0.7120	0.7750	1.0000	0.7011	287.3707 14.6275
1967	0.6338	0.6952	0.7011	1.0000	292.9377 14.4366
TOTAL SAMPLE	NUMBER OF OBSERVATIONS IS 3171				
1961	1.0000	0.7853	0.7316	0.6726	268.0438 12.5440
1963	0.7853	1.0000	0.7932	0.7239	277.8877 14.2734
1965	0.7316	0.7932	1.0000	0.7307	285.5077 15.1058
1967	0.6726	0.7239	0.7307	1.0000	290.7780 15.0843
NOT IN SAMPLE	NUMBER OF OBSERVATIONS IS 195				
1961	1.0000	0.7881	0.7248	0.7188	261.3538 13.1685
1963	0.7881	1.0000	0.8320	0.7883	273.3361 14.5778
1965	0.7248	0.8320	1.0000	0.8082	284.923 17.1094
1967	0.7188	0.7883	0.8082	1.0000	285.5077 16.6288

TABLE 299

STEP WRITING

ACADEMIC	NUMBER OF OBSERVATIONS IS 1487			
	1961	1963	1965	1967
1961	1.0000	0.7615	0.7048	0.6818
1963	0.7615	1.0000	0.7679	0.7199
1965	0.7048	0.7679	1.0000	0.7313
1967	0.6818	0.7199	0.7313	1.0000
	MEAN	262.0955	272.2313	286.0208
	S.D.	13.5399	15.5651	16.5594
		296.3349	16.6309	
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1478			
	1961	1963	1965	1967
1961	1.0000	0.6868	0.6647	0.6161
1963	0.6868	1.0000	0.6957	0.6434
1965	0.6647	0.6957	1.0000	0.6886
1967	0.6161	0.6434	0.6886	1.0000
	MEAN	252.3268	258.9723	271.3654
	S.D.	13.0940	14.3735	16.3206
		280.0643	16.1063	
MALES	NUMBER OF OBSERVATIONS IS 1396			
	1961	1963	1965	1967
1961	1.0000	0.7279	0.7093	0.6719
1963	0.7279	1.0000	0.7606	0.6992
1965	0.7093	0.7606	1.0000	0.7401
1967	0.6719	0.6992	0.7401	1.0000
	MEAN	253.7758	261.9284	274.1755
	S.D.	14.0008	16.1271	18.1331
		283.8173	18.3213	
FEMALES	NUMBER OF OBSERVATIONS IS 1778			
	1961	1963	1965	1967
1961	1.0000	0.7712	0.7170	0.6969
1963	0.7712	1.0000	0.7745	0.7556
1965	0.7170	0.7745	1.0000	0.7613
1967	0.6969	0.7556	0.7613	1.0000
	MEAN	259.7413	268.1226	282.0748
	S.D.	13.7805	16.0494	17.0148
		291.2407	17.8062	
ELEM F.ED.	NUMBER OF OBSERVATIONS IS 896			
	1961	1963	1965	1967
1961	1.0000	0.7477	0.7215	0.6867
1963	0.7477	1.0000	0.7463	0.7242
1965	0.7215	0.7463	1.0000	0.7447
1967	0.6867	0.7242	0.7447	1.0000
	MEAN	254.7087	262.0223	274.4308
	S.D.	13.6186	15.1369	17.0148
		283.7679	16.8179	
HS F.ED.	NUMBER OF OBSERVATIONS IS 822			
	1961	1963	1965	1967
1961	1.0000	0.7444	0.7201	0.6911
1963	0.7444	1.0000	0.7569	0.7074
1965	0.7201	0.7569	1.0000	0.7383
1967	0.6911	0.7074	0.7383	1.0000
	MEAN	256.5438	264.9292	277.2555
	S.D.	13.5196	15.9173	17.2943
		287.2226	17.7875	

TABLE 300

STEP WRITING

COLL F.E.D.

NUMBER OF OBSERVATIONS IS 952

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7538	0.6916	0.6740	261.6628	14.1193
1963	0.7538	1.0000	0.7617	0.7175	271.7300	16.0929
1965	0.6916	0.7617	1.0000	0.7314	285.9664	17.1123
1967	0.6740	0.7175	0.7314	1.0000	295.4212	17.4080

O.K. F.E.D.

NUMBER OF OBSERVATIONS IS 86

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5482	0.5519	0.3844	244.8605	10.8843
1963	0.5482	1.0000	0.6972	0.5695	250.2907	12.1940
1965	0.5519	0.6972	1.0000	0.6982	261.2791	15.3545
1967	0.3844	0.5695	0.6982	1.0000	273.7326	14.5685

BLACK

NUMBER OF OBSERVATIONS IS 420

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6793	0.6645	0.6206	247.6952	12.6979
1963	0.6793	1.0000	0.7054	0.6501	254.1071	13.6872
1965	0.6645	0.7054	1.0000	0.6961	265.0524	15.6744
1967	0.6206	0.6501	0.6961	1.0000	275.6310	15.4204

WHITE

NUMBER OF OBSERVATIONS IS 2545

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7513	0.7086	0.6823	258.7988	13.7988
1963	0.7513	1.0000	0.7624	0.7256	267.5222	16.0103
1965	0.7086	0.7624	1.0000	0.7460	280.9701	17.3502
1967	0.6823	0.7256	0.7460	1.0000	290.3026	17.8782

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3158

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7654	0.7312	0.7015	256.7891	14.3231
1963	0.7654	1.0000	0.7795	0.7447	265.2277	16.4858
1965	0.7312	0.7795	1.0000	0.7661	278.2365	18.1146
1967	0.7015	0.7447	0.7661	1.0000	287.9205	18.3557

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 193

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7660	0.7309	0.7067	250.0777	14.7258
1963	0.7660	1.0000	0.7812	0.7938	259.1710	16.8547
1965	0.7309	0.7812	1.0000	0.8056	270.8808	18.2802
1967	0.7067	0.7938	0.8056	1.0000	283.2539	18.8571

TABLE 301

SCAT VERBAL		NUMBER OF OBSERVATIONS IS 1450			
		1961	1963	1965	1967
ACADEMIC					
				MEAN	S.D.
	1961	1.0000	0.8438	0.7968	0.7762
	1963	0.8438	1.0000	0.8565	0.8314
NON-ACADEMIC					
				MEAN	S.D.
	1961	1.0000	0.8194	0.7654	0.7204
	1963	0.8194	1.0000	0.8562	0.8003
MALES					
				MEAN	S.D.
	1961	1.0000	0.8194	0.7654	0.7204
	1963	0.8194	1.0000	0.8562	0.8003
FEMALES					
				MEAN	S.D.
	1961	1.0000	0.8194	0.7654	0.7204
	1963	0.8194	1.0000	0.8562	0.8003
ELEM F-ED.					
				MEAN	S.D.
	1961	1.0000	0.8194	0.7654	0.7204
	1963	0.8194	1.0000	0.8562	0.8003
HS F-ED.					
				MEAN	S.D.
	1961	1.0000	0.8194	0.7654	0.7204
	1963	0.8194	1.0000	0.8562	0.8003

TABLE 302

SCAT VERBAL		NUMBER OF OBSERVATIONS IS 927			
CULL F-ED.		MEAN		S.D.	
1961	1961	0.8406	0.8160	0.7951	12.1948
1963	1963	1.0000	0.8666	0.8481	12.5506
1965	1965	0.8150	1.0000	0.8666	12.4150
1967	1967	0.7951	0.8666	1.0000	13.8417
D.K. F-ED.		MEAN		S.D.	
1961	1961	0.8201	0.8065	0.7523	7.7006
1963	1963	1.0000	0.8520	0.7721	10.6267
1965	1965	0.8065	1.0000	0.8740	13.0101
1967	1967	0.7523	0.8740	1.0000	13.5180
BLACK		MEAN		S.D.	
1961	1961	0.8000	0.7500	0.6955	8.3664
1963	1963	1.0000	0.8389	0.7726	10.1187
1965	1965	0.7500	1.0000	0.8234	12.6768
1967	1967	0.6955	0.8234	1.0000	13.1932
WHITE		MEAN		S.D.	
1961	1961	0.8518	0.8025	0.7822	11.5641
1963	1963	1.0000	0.8715	0.8451	12.3194
1965	1965	0.8025	1.0000	0.8698	12.9818
1967	1967	0.7822	0.8451	1.0000	14.1339
TOTAL SAMPLE		MEAN		S.D.	
1961	1961	0.8580	0.8140	0.7908	11.7055
1963	1963	1.0000	0.8802	0.8505	12.7158
1965	1965	0.8140	1.0000	0.8763	13.8875
1967	1967	0.7908	0.8505	1.0000	14.7927
NOT IN SAMPLE		MEAN		S.D.	
1961	1961	0.7851	0.8029	0.7578	10.6608
1963	1963	0.7851	0.8621	0.8147	12.4285
1965	1965	0.8029	1.0000	0.8542	14.2251
1967	1967	0.7578	0.8542	1.0000	15.7412

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SCAT QUANTITATIVE

TABLE 303

ACADEMIC	NUMBER OF OBSERVATIONS IS 1445			
	1961	1963	1965	1967
1961	1.0000	0.7284	0.6617	0.6589
1963	0.7284	1.0000	0.7192	0.7078
1965	0.6617	0.7192	1.0000	0.7926
1967	0.6589	0.7078	0.7926	1.0000
			MEAN	S.D.
			260.1156	8.7946
			279.8913	13.6028
			296.9156	15.2326
			302.5218	16.2446
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1416			
	1961	1963	1965	1967
1961	1.0000	0.6637	0.6248	0.5817
1963	0.6637	1.0000	0.6956	0.6419
1965	0.6248	0.6956	1.0000	0.7221
1967	0.5817	0.6419	0.7221	1.0000
			MEAN	S.D.
			254.3418	7.3753
			269.9626	10.0475
			282.6758	14.4149
			286.0261	15.4613
MALES	NUMBER OF OBSERVATIONS IS 1334			
	1961	1963	1965	1967
1961	1.0000	0.7475	0.7127	0.6955
1963	0.7475	1.0000	0.7581	0.7243
1965	0.7127	0.7581	1.0000	0.8109
1967	0.6955	0.7243	0.8109	1.0000
			MEAN	S.D.
			257.0247	9.1862
			275.5300	13.9102
			290.5210	17.0513
			296.5465	18.1292
FEMALES	NUMBER OF OBSERVATIONS IS 1718			
	1961	1963	1965	1967
1961	1.0000	0.7389	0.6817	0.6748
1963	0.7389	1.0000	0.7439	0.7427
1965	0.6817	0.7439	1.0000	0.8113
1967	0.6748	0.7427	0.8113	1.0000
			MEAN	S.D.
			257.3038	8.1224
			274.3772	12.2918
			289.1455	15.9964
			292.4272	17.4954
ELEM F.ED.	NUMBER OF OBSERVATIONS IS 876			
	1961	1963	1965	1967
1961	1.0000	0.6989	0.6395	0.6133
1963	0.6989	1.0000	0.7369	0.6888
1965	0.6395	0.7369	1.0000	0.7784
1967	0.6133	0.6888	0.7784	1.0000
			MEAN	S.D.
			255.7352	7.6447
			272.0548	11.3106
			285.6084	14.9844
			289.7146	16.8578
HS F.ED.	NUMBER OF OBSERVATIONS IS 799			
	1961	1963	1965	1967
1961	1.0000	0.7454	0.7007	0.6874
1963	0.7454	1.0000	0.7457	0.7223
1965	0.7007	0.7457	1.0000	0.7811
1967	0.6874	0.7223	0.7811	1.0000
			MEAN	S.D.
			256.8110	8.4624
			274.1840	12.3942
			288.8135	15.8480
			293.2778	17.1090

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TGI SCALE A, INDUSTRIAL ARTS

TABLE 305

ACADEMIC

NUMBER OF OBSERVATIONS IS 1696

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5833	0.5308	0.5137	6.6899	3.0955
1963	0.5833	1.0000	0.5701	0.5494	6.3915	2.6335
1965	0.5308	0.5701	1.0000	0.6928	6.2818	2.5591
1967	0.5137	0.5494	0.6928	1.0000	7.4552	2.6527

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4833	0.4193	0.4325	4.7151	2.5806
1963	0.4833	1.0000	0.4584	0.4969	4.9550	2.3844
1965	0.4193	0.4584	1.0000	0.6318	4.8800	2.3546
1967	0.4325	0.4969	0.6318	1.0000	5.9088	2.6774

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6109	0.5560	0.5259	6.3803	3.2991
1963	0.6109	1.0000	0.5513	0.5465	6.5380	2.8761
1965	0.5560	0.5513	1.0000	0.6279	6.8379	2.4693
1967	0.5259	0.5465	0.6279	1.0000	8.1359	2.5338

FEMALES

NUMBER OF OBSERVATIONS IS 2005

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4812	0.4198	0.4567	5.1581	2.6164
1963	0.4812	1.0000	0.4128	0.4412	4.9766	2.1620
1965	0.4198	0.4128	1.0000	0.5856	4.5880	2.1444
1967	0.4567	0.4412	0.5856	1.0000	5.5217	2.3730

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4947	0.4354	0.4526	5.0284	2.8094
1963	0.4947	1.0000	0.5300	0.5140	5.2166	2.4656
1965	0.4354	0.5300	1.0000	0.6659	5.1851	2.3881
1967	0.4526	0.5140	0.6659	1.0000	6.2829	2.6234

HS F.ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5705	0.4978	0.4909	5.5038	2.8856
1963	0.5705	1.0000	0.5365	0.5446	5.5847	2.5829
1965	0.4978	0.5365	1.0000	0.6713	5.5115	2.5248
1967	0.4909	0.5446	0.6713	1.0000	6.5902	2.8267

TGI SCALE A, INDUSTRIAL ARTS

TABLE 306

COLL F-EO.

NUMBER OF OBSERVATIONS IS 1181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5506	0.5693	0.5401	6.6994	3.0952
1963	0.5906	1.0000	0.5653	0.5640	6.3683	2.6563
1965	0.5693	0.5653	1.0000	0.7011	6.1778	2.6293
1967	0.5401	0.5640	0.7011	1.0000	7.3633	2.7447

D.K. F-ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4191	0.3104	0.1743	3.1963	1.9691
1963	0.4191	1.0000	0.2817	0.3679	3.5981	2.0773
1965	0.3104	0.2817	1.0000	0.3513	3.6822	1.9218
1967	0.1743	0.3679	0.3513	1.0000	4.3645	1.9160

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3437	0.3443	0.3437	3.4669	2.2456
1963	0.3437	1.0000	0.3270	0.3186	3.8482	2.0604
1965	0.3443	0.3270	1.0000	0.4776	3.9436	2.0373
1967	0.3437	0.3186	0.4776	1.0000	4.6342	2.2984

WHITE

NUMBER OF OBSERVATIONS IS 2849

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5587	0.4994	0.4844	6.1158	2.9613
1963	0.5587	1.0000	0.5390	0.5393	6.0098	2.5659
1965	0.4994	0.5390	1.0000	0.6830	5.8835	2.5295
1967	0.4844	0.5393	0.6830	1.0000	7.0593	2.6902

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3544

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5846	0.5306	0.5245	5.6191	3.0184
1963	0.5846	1.0000	0.5536	0.5618	5.6188	2.6104
1965	0.5306	0.5536	1.0000	0.6886	5.5449	2.5518
1967	0.5245	0.5618	0.6886	1.0000	6.6354	2.7712

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5426	0.5093	0.4673	3.9116	2.4659
1963	0.5426	1.0000	0.4262	0.5105	4.4917	2.2707
1965	0.5093	0.4262	1.0000	0.6439	4.7624	2.3016
1967	0.4673	0.5105	0.6439	1.0000	5.6464	2.5045

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TABLE 307

TGI SCALE 8, HOME ARTS

ACADEMIC

NUMBER OF OBSERVATIONS IS 1696

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5420	0.5471	0.5255	7.8532	2.8235
1963	0.5420	1.0000	0.5191	0.4533	7.3361	2.3513
1965	0.5471	0.5191	1.0000	0.6563	8.2541	2.5413
1967	0.5255	0.4533	0.6563	1.0000	9.8343	2.4637

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4783	0.5051	0.4756	5.9424	2.6509
1963	0.4783	1.0000	0.4511	0.4138	5.8590	2.2554
1965	0.5051	0.4511	1.0000	0.6174	6.4733	2.4384
1967	0.4756	0.4138	0.6174	1.0000	7.9682	2.5940

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5500	0.5584	0.5466	6.5552	2.7940
1963	0.5500	1.0000	0.5056	0.4570	6.3210	2.3364
1965	0.5584	0.5056	1.0000	0.6376	6.7154	2.5073
1967	0.5466	0.4570	0.6376	1.0000	8.1672	2.6144

FEMALES

NUMBER OF OBSERVATIONS IS 2005

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5571	0.5804	0.5524	7.1342	2.9332
1963	0.5571	1.0000	0.5520	0.5067	6.7940	2.4509
1965	0.5804	0.5520	1.0000	0.6735	7.8733	2.6271
1967	0.5524	0.5067	0.6735	1.0000	9.4484	2.6343

ELEN F-ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5058	0.4921	0.4981	6.2482	2.7916
1963	0.5058	1.0000	0.4769	0.4550	6.2681	2.2668
1965	0.4921	0.4769	1.0000	0.6569	6.7718	2.4652
1967	0.4981	0.4550	0.6569	1.0000	8.2387	2.6141

HS F-ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5796	0.5797	0.5487	6.7191	2.9269
1963	0.5796	1.0000	0.5342	0.4662	6.5355	2.4485
1965	0.5797	0.5342	1.0000	0.6364	7.1169	2.6099
1967	0.5487	0.4662	0.6364	1.0000	8.7268	2.6513

TGI SCALE 8, HOME ARTS

TABLE 308

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5256	0.5573	0.5080	7.8781	2.7456
1963	0.5256	1.0000	0.5129	0.4550	7.1753	2.3673
1965	0.5573	0.5129	1.0000	0.6589	8.2870	2.5324
1967	0.5080	0.4550	0.6589	1.0000	9.8738	2.4252

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5033	0.5452	0.5073	4.4860	2.1372
1963	0.5033	1.0000	0.4967	0.4478	4.4486	2.3689
1965	0.5452	0.4967	1.0000	0.6405	4.9720	2.3698
1967	0.5073	0.4478	0.6405	1.0000	6.5514	2.7008

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4694	0.4705	0.4539	4.3969	2.2120
1963	0.4694	1.0000	0.4528	0.4135	4.9339	2.2550
1965	0.4705	0.4528	1.0000	0.6470	5.3619	2.3443
1967	0.4539	0.4135	0.6470	1.0000	6.9397	2.5412

WHITE

NUMBER OF OBSERVATIONS IS 2849

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5166	0.5317	0.5092	7.3587	2.7769
1963	0.5166	1.0000	0.4977	0.4468	6.9052	2.3238
1965	0.5317	0.4977	1.0000	0.6424	7.7339	2.5314
1967	0.5092	0.4468	0.6424	1.0000	9.2647	2.5665

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3544

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5649	0.5853	0.5623	6.8129	2.9135
1963	0.5649	1.0000	0.5454	0.5007	6.5556	2.4350
1965	0.5853	0.5454	1.0000	0.6842	7.2847	2.6775
1967	0.5623	0.5007	0.6842	1.0000	8.8301	2.7195

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5582	0.5340	0.5104	5.0829	2.5832
1963	0.5582	1.0000	0.5648	0.5488	5.6575	2.5411
1965	0.5340	0.5648	1.0000	0.6799	5.6740	2.7630
1967	0.5104	0.5488	0.6799	1.0000	7.3591	2.7388

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TGI SCALE C, PHYSICAL SCIENCE, MATH

TABLE 309

ACADEMIC	NUMBER OF OBSERVATIONS IS 1696			
	1961	1963	1965	1967
1961	1.0000	0.5490	0.5574	0.5361
1963	0.5490	1.0000	0.4971	0.4660
1965	0.5574	0.4971	1.0000	0.6716
1967	0.5361	0.4660	0.6716	1.0000
	MEAN			S.O.
			7.6191	3.1009
			6.8779	2.2471
			7.8267	2.6561
			8.7099	2.7314
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1667			
	1961	1963	1965	1967
1961	1.0000	0.3764	0.4416	0.4574
1963	0.3764	1.0000	0.3220	0.3460
1965	0.4416	0.3220	1.0000	0.5619
1967	0.4574	0.3460	0.5619	1.0000
	MEAN			S.O.
			5.3239	2.7858
			5.4661	1.9881
			5.7097	2.3894
			6.6623	2.6330
MALES	NUMBER OF OBSERVATIONS IS 1567			
	1961	1963	1965	1967
1961	1.0000	0.5964	0.6074	0.5866
1963	0.5964	1.0000	0.5439	0.5140
1965	0.6074	0.5439	1.0000	0.7055
1967	0.5066	0.5140	0.7055	1.0000
	MEAN			S.O.
			6.9432	3.3378
			6.5795	2.3853
			7.5220	2.8817
			8.7135	2.9276
FEMALES	NUMBER OF OBSERVATIONS IS 2005			
	1961	1963	1965	1967
1961	1.0000	0.4410	0.5049	0.5088
1963	0.4410	1.0000	0.3759	0.3798
1965	0.5049	0.3759	1.0000	0.5777
1967	0.5088	0.3798	0.5777	1.0000
	MEAN			S.O.
			6.0703	2.9576
			5.8454	2.0420
			6.1342	2.4589
			6.8579	2.5391
ELEM F.ED.	NUMBER OF OBSERVATIONS IS 951			
	1961	1963	1965	1967
1961	1.0000	0.4329	0.4585	0.4551
1963	0.4329	1.0000	0.3670	0.3830
1965	0.4585	0.3670	1.0000	0.5912
1967	0.4551	0.3830	0.5912	1.0000
	MEAN			S.O.
			5.6835	2.8880
			5.7224	2.0232
			6.0294	2.4583
			6.9853	2.6167
HS F.ED.	NUMBER OF OBSERVATIONS IS 915			
	1961	1963	1965	1967
1961	1.0000	0.5157	0.5596	0.5594
1963	0.5157	1.0000	0.4374	0.4395
1965	0.5596	0.4374	1.0000	0.6619
1967	0.5594	0.4395	0.6619	1.0000
	MEAN			S.O.
			6.2798	3.1227
			5.9661	2.2013
			6.5617	2.6305
			7.5934	2.8390

TGI SCALE C, PHYSICAL SCIENCE, MATH

TABLE 310

COLL F.ED.	NUMBER OF OBSERVATIONS IS 1181			
	1961	1963	1965	1967
1961	1.0000	0.5461	0.5803	0.5640
1963	0.5461	1.0000	0.5349	0.4965
1965	0.5803	0.5349	1.0000	0.6707
1967	0.5640	0.4965	0.6707	1.0000
	MEAN			S.D.
	7.6164			3.0940
	6.8815			2.2822
	7.8721			2.6732
	8.6554			2.8072
	NUMBER OF OBSERVATIONS IS 107			
	MEAN			S.D.
	3.7103			2.2298
	4.6355			1.8106
	4.3271			2.1950
	5.0374			2.2792
	NUMBER OF OBSERVATIONS IS 514			
	MEAN			S.D.
	3.9494			2.3575
	4.7899			1.8616
	4.8366			2.3457
	5.6284			2.5499
	NUMBER OF OBSERVATIONS IS 2849			
	MEAN			S.D.
	6.9382			3.0743
	6.4286			2.2071
	7.1274			2.6586
	8.0677			2.7663
	NUMBER OF OBSERVATIONS IS 3544			
	MEAN			S.D.
	6.3962			3.1699
	6.1439			2.2307
	6.7348			2.7521
	7.6507			2.8867
	NUMBER OF OBSERVATIONS IS 181			
	MEAN			S.D.
	4.8122			2.8397
	5.5083			2.0072
	5.9448			2.8532
	6.8287			3.0354

D.K. F.ED.

	1961	1963	1965	1967
1961	1.0000	0.0965	0.3516	0.3589
1963	0.0965	1.0000	0.1452	0.1550
1965	0.3516	0.1452	1.0000	0.4253
1967	0.3589	0.1550	0.4253	1.0000

BLACK

	1961	1963	1965	1967
1961	1.0000	0.2277	0.3633	0.4069
1963	0.2277	1.0000	0.2554	0.2258
1965	0.3633	0.2554	1.0000	0.5779
1967	0.4069	0.2258	0.5779	1.0000

WHITE

	1961	1963	1965	1967
1961	1.0000	0.5194	0.5478	0.5289
1963	0.5194	1.0000	0.4718	0.4605
1965	0.5478	0.4718	1.0000	0.6486
1967	0.5289	0.4605	0.6486	1.0000

TOTAL SAMPLE

	1961	1963	1965	1967
1961	1.0000	0.5328	0.5768	0.5643
1963	0.5328	1.0000	0.4872	0.4754
1965	0.5768	0.4872	1.0000	0.6783
1967	0.5643	0.4754	0.6783	1.0000

NOT IN SAMPLE

	1961	1963	1965	1967
1961	1.0000	0.4578	0.5613	0.5161
1963	0.4578	1.0000	0.3956	0.4069
1965	0.5613	0.3956	1.0000	0.7485
1967	0.5161	0.4069	0.7485	1.0000

TGI SCALE D, BIOLOGICAL SCIENCE

TABLE 311

ACADEMIC	NUMBER OF OBSERVATIONS IS 1695			
	1961	1963	1965	1967
1961	1.0000	0.6026	0.4957	0.4721
1963	0.6026	1.0000	0.4987	0.4943
1965	0.4957	0.4987	1.0000	0.5840
1967	0.4721	0.4943	0.5840	1.0000
			MEAN	S.O.
			8.1953	3.1485
			7.8578	2.8308
			8.7062	2.3094
			10.0206	2.3245
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1667			
	1961	1963	1965	1967
1961	1.0000	0.5231	0.4368	0.4406
1963	0.5231	1.0000	0.4309	0.4325
1965	0.4368	0.4309	1.0000	0.5398
1967	0.4406	0.4325	0.5398	1.0000
			MEAN	S.O.
			5.9220	2.8537
			5.6755	2.5734
			6.9382	2.4150
			8.1224	2.4885
MALES	NUMBER OF OBSERVATIONS IS 1567			
	1961	1963	1965	1967
1961	1.0000	0.6436	0.5407	0.5423
1963	0.6436	1.0000	0.5434	0.5561
1965	0.5407	0.5434	1.0000	0.6177
1967	0.5423	0.5561	0.6177	1.0000
			MEAN	S.O.
			7.1149	3.2192
			6.9311	2.9539
			8.0204	2.5332
			9.3535	2.6386
FEMALES	NUMBER OF OBSERVATIONS IS 2004			
	1961	1963	1965	1967
1961	1.0000	0.6057	0.5252	0.5084
1963	0.6057	1.0000	0.5180	0.5188
1965	0.5252	0.5180	1.0000	0.6084
1967	0.5084	0.5183	0.6084	1.0000
			MEAN	S.O.
			6.9825	3.1870
			6.5988	2.8744
			7.6472	2.4903
			8.8244	2.5385
ELEM F-ED.	NUMBER OF OBSERVATIONS IS 951			
	1961	1963	1965	1967
1961	1.0000	0.5537	0.4433	0.4334
1963	0.5537	1.0000	0.4624	0.4201
1965	0.4433	0.4624	1.0000	0.5359
1967	0.4334	0.4201	0.5359	1.0000
			MEAN	S.O.
			6.2744	2.9821
			6.2166	2.6494
			7.3470	2.4520
			8.6162	2.5103
HS F-ED.	NUMBER OF OBSERVATIONS IS 915			
	1961	1963	1965	1967
1961	1.0000	0.6189	0.5203	0.5164
1963	0.6189	1.0000	0.5099	0.5364
1965	0.5203	0.5099	1.0000	0.5965
1967	0.5164	0.5364	0.5965	1.0000
			MEAN	S.O.
			6.8896	3.1173
			6.5617	2.9349
			7.6940	2.4527
			8.9607	2.5078

TABLE 312

COLL F.ED.		NUMBER OF OBSERVATIONS IS 1180					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.6069	0.4991	0.4929	8.2136	3.1435
1963		0.6069	1.0000	0.5291	0.5218	7.6958	2.8930
1965		0.4991	0.5291	1.0000	0.6083	8.6449	2.3481
1967		0.4929	0.5218	0.6083	1.0000	9.8746	2.4026
D.K. F.ED.		NUMBER OF OBSERVATIONS IS 107					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.4676	0.2993	0.5172	3.9346	2.3572
1963		0.4676	1.0000	0.3834	0.5301	4.4673	2.3255
1965		0.2993	0.3834	1.0000	0.5650	4.9065	2.1769
1967		0.5172	0.5301	0.5650	1.0000	6.2056	2.2496
BLACK		NUMBER OF OBSERVATIONS IS 514					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.5088	0.4210	0.4180	4.4572	2.5175
1963		0.5088	1.0000	0.4198	0.4284	4.7840	2.4099
1965		0.4210	0.4198	1.0000	0.5459	5.7023	2.2942
1967		0.4180	0.4284	0.5459	1.0000	6.9105	2.4423
WHITE		NUMBER OF OBSERVATIONS IS 2848					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.5927	0.4737	0.4669	7.5393	3.0976
1963		0.5927	1.0000	0.4921	0.4938	7.1352	2.8562
1965		0.4737	0.4921	1.0000	0.5639	8.2135	2.3656
1967		0.4669	0.4938	0.5639	1.0000	9.4709	2.4135
TOTAL SAMPLE		NUMBER OF OBSERVATIONS IS 3543					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.6260	0.5383	0.5332	6.9890	3.2221
1963		0.6260	1.0000	0.5422	0.5425	6.7048	2.9285
1965		0.5383	0.5422	1.0000	0.6211	7.7505	2.5446
1967		0.5332	0.5425	0.6211	1.0000	9.0000	2.6048
RACIAL MIXTURE		NUMBER OF OBSERVATIONS IS 181					
		1961	1963	1965	1967	MEAN	S.D.
1961		1.0000	0.5737	0.5261	0.5469	5.5193	3.0185
1963		0.5737	1.0000	0.5571	0.5373	5.3867	2.8097
1965		0.5261	0.5571	1.0000	0.5606	6.2818	2.5103
1967		0.5469	0.5373	0.5606	1.0000	7.5249	2.4821

TGI SCALE E, MUSIC, ART

TABLE 313

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6045	0.6163	0.6097	6.8319	2.9406
1963	0.6045	1.0000	0.6178	0.5859	6.8903	2.6813
1965	0.6163	0.6178	1.0000	0.7307	7.8195	2.9354
1967	0.6097	0.5859	0.7307	1.0000	9.3027	2.9481

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4835	0.4797	0.4643	4.6405	2.3578
1963	0.4835	1.0000	0.4766	0.4955	4.8812	2.3277
1965	0.4797	0.4766	1.0000	0.6485	5.4418	2.4899
1967	0.4643	0.4955	0.6485	1.0000	6.6399	2.8331

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5945	0.6170	0.6105	5.5399	2.8369
1963	0.5945	1.0000	0.5952	0.5991	5.7466	2.6297
1965	0.6170	0.5952	1.0000	0.7357	6.7007	2.9169
1967	0.6105	0.5991	0.7357	1.0000	7.9885	3.1864

FEMALES

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6286	0.6264	0.6138	5.8457	2.8917
1963	0.6286	1.0000	0.6457	0.6267	5.9790	2.7492
1965	0.6264	0.6457	1.0000	0.7494	6.5287	3.0234
1967	0.6138	0.6267	0.7494	1.0000	7.9196	3.2052

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5276	0.5167	0.5296	4.9558	2.4811
1963	0.5276	1.0000	0.5151	0.4908	5.2892	2.3441
1965	0.5167	0.5151	1.0000	0.6780	5.7539	2.6165
1967	0.5296	0.4908	0.6780	1.0000	6.9727	2.9169

HS F.ED.

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5855	0.5801	0.5792	5.4606	2.7565
1963	0.5855	1.0000	0.5642	0.5841	5.5711	2.6129
1965	0.5801	0.5642	1.0000	0.7099	6.4519	2.7825
1967	0.5792	0.5841	0.7099	1.0000	7.7965	3.0211

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COLL F-ED.	NUMBER OF OBSERVATIONS IS 1180			
	1961	1963	1965	1967
1961	1.0000	0.6049	0.6468	0.6100
1963	0.6049	1.0000	0.6312	0.6125
1965	0.6468	0.6312	1.0000	0.7303
1967	0.6100	0.6125	0.7303	1.0000
	MEAN			S.D.
	6.9229			2.9690
	6.9042			2.7618
	7.8797			2.9263
	9.3458			2.9298
O-K. F-ED.				
	1961	1963	1965	1967
1961	1.0000	0.4775	0.4088	0.3227
1963	0.4775	1.0000	0.5703	0.5134
1965	0.4088	0.5703	1.0000	0.6061
1967	0.3227	0.5134	0.6061	1.0000
	MEAN			S.D.
	3.3551			1.7943
	3.4766			2.0386
	3.7009			2.1322
	4.6168			2.4785
BLACK				
	1961	1963	1965	1967
1961	1.0000	0.3950	0.4659	0.4417
1963	0.3950	1.0000	0.4627	0.4097
1965	0.4659	0.4627	1.0000	0.6110
1967	0.4417	0.4097	0.6110	1.0000
	MEAN			S.D.
	3.6140			1.9772
	3.9181			2.1460
	4.4386			2.3230
	5.2690			2.6346
WHITE				
	1961	1963	1965	1967
1961	1.0000	0.5956	0.5998	0.5837
1963	0.5956	1.0000	0.5972	0.5869
1965	0.5998	0.5972	1.0000	0.7252
1967	0.5837	0.5869	0.7252	1.0000
	MEAN			S.D.
	6.1296			2.8540
	6.2534			2.6418
	7.0376			2.9017
	8.4716			3.0239
TOTAL SAMPLE				
	1961	1963	1965	1967
1961	1.0000	0.6161	0.6258	0.6166
1963	0.6161	1.0000	0.6256	0.6156
1965	0.6258	0.6256	1.0000	0.7473
1967	0.6166	0.6156	0.7473	1.0000
	MEAN			S.D.
	5.6753			2.8787
	5.8492			2.7164
	6.5782			2.9874
	7.9088			3.2016
NOT IN SAMPLE				
	1961	1963	1965	1967
1961	1.0000	0.5355	0.5139	0.5320
1963	0.5355	1.0000	0.6140	0.5883
1965	0.5139	0.6140	1.0000	0.7625
1967	0.5320	0.5883	0.7625	1.0000
	MEAN			S.D.
	4.3702			2.4361
	5.0110			2.7791
	5.4144			3.0374
	6.5359			3.2271

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967
1961	1.0000	0.6189	0.5625	0.5521
1963	0.6189	1.0000	0.6014	0.5650
1965	0.5625	0.6014	1.0000	0.6480
1967	0.5521	0.5650	0.6480	1.0000

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967
1961	1.0000	0.5372	0.4443	0.4604
1963	0.5372	1.0000	0.4921	0.5299
1965	0.4443	0.4921	1.0000	0.5921
1967	0.4604	0.5299	0.5921	1.0000

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967
1961	1.0000	0.6553	0.6290	0.6179
1963	0.6553	1.0000	0.6484	0.6432
1965	0.6290	0.6484	1.0000	0.7308
1967	0.6179	0.6432	0.7308	1.0000

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967
1961	1.0000	0.6222	0.5320	0.5329
1963	0.6222	1.0000	0.6054	0.6116
1965	0.5320	0.6054	1.0000	0.6519
1967	0.5529	0.6116	0.6519	1.0000

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967
1961	1.0000	0.5724	0.4862	0.4961
1963	0.5724	1.0000	0.5473	0.5518
1965	0.4862	0.5473	1.0000	0.6234
1967	0.4961	0.5518	0.6234	1.0000

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967
1961	1.0000	0.6362	0.5802	0.5554
1963	0.6362	1.0000	0.5915	0.6000
1965	0.5802	0.5915	1.0000	0.6715
1967	0.5554	0.6000	0.6715	1.0000

NUMBER OF OBSERVATIONS IS 1180

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TGI SCALE G, RECREATION, ENTERTAINMENT

ACADEMIC	NUMBER OF OBSERVATIONS IS 1695				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5938	0.5584	0.5511	7.5546 2.7716
1963	0.5938	1.0000	0.5759	0.5682	7.7794 2.7021
1965	0.5584	0.5759	1.0000	0.7245	7.6903 2.6974
1967	0.5511	0.5682	0.7245	1.0000	9.3522 2.6886
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1666				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5297	0.4834	0.5093	5.5726 2.5559
1963	0.5297	1.0000	0.5109	0.5150	5.7377 2.5050
1965	0.4834	0.5109	1.0000	0.6625	5.3860 2.5149
1967	0.5093	0.5150	0.6625	1.0000	6.7707 2.8374
MALES	NUMBER OF OBSERVATIONS IS 1567				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.6589	0.6081	0.6068	6.8385 2.9796
1963	0.6589	1.0000	0.6188	0.6164	7.1800 2.9979
1965	0.6081	0.6188	1.0000	0.7351	6.9917 2.8276
1967	0.6068	0.6164	0.7351	1.0000	8.5948 2.9295
FEMALES	NUMBER OF OBSERVATIONS IS 2003				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5621	0.5578	0.5775	6.3150 2.6753
1963	0.5621	1.0000	0.5860	0.5825	6.3769 2.6508
1965	0.5578	0.5860	1.0000	0.7386	6.1343 2.8088
1967	0.5775	0.5825	0.7386	1.0000	7.6106 3.0682
ELEM F.E.O.	NUMBER OF OBSERVATIONS IS 951				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.6006	0.5093	0.5303	5.8191 2.6604
1963	0.6006	1.0000	0.5521	0.5373	6.1441 2.6502
1965	0.5093	0.5521	1.0000	0.5703	5.7024 2.6181
1967	0.5303	0.5373	0.6703	1.0000	7.1283 2.9145
HS F.E.D.	NUMBER OF OBSERVATIONS IS 914				
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5999	0.5515	0.5792	6.4289 2.8307
1963	0.5999	1.0000	0.5846	0.6056	6.6007 2.7913
1965	0.5515	0.5846	1.0000	0.7459	6.4103 2.8276
1967	0.5792	0.6056	0.7459	1.0000	7.9212 2.9957

TGI SCALE G, RECREATION, ENTERTAINMENT

TABLE 316

COLL F.ED.				NUMBER OF OBSERVATIONS IS 1180	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5793	0.5862	0.5589	7.6102 2.7338
1963	0.5793	1.0000	0.5868	0.5849	7.7534 2.6379
1965	0.5862	0.5868	1.0000	0.7256	7.6881 2.6686
1967	0.5589	0.5849	0.7256	1.0000	9.3051 2.7328
D.K. F.ED.				NUMBER OF OBSERVATIONS IS 107	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.3785	0.3063	0.3943	3.9533 2.1197
1963	0.3785	1.0000	0.4590	0.4240	4.1215 2.2783
1965	0.3063	0.4590	1.0000	0.6582	3.9159 2.1097
1967	0.3943	0.4240	0.6582	1.0000	5.1682 2.5813
BLACK				NUMBER OF OBSERVATIONS IS 513	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.4043	0.3620	0.3699	4.3314 2.1610
1963	0.4043	1.0000	0.4483	0.4278	4.5634 2.2720
1965	0.3620	0.4483	1.0000	0.6255	4.2982 2.3058
1967	0.3699	0.4278	0.6255	1.0000	5.4620 2.6400
WHITE				NUMBER OF OBSERVATIONS IS 2848	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5920	0.5594	0.5347	6.9758 2.7647
1963	0.5920	1.0000	0.5783	0.5755	7.1643 2.6988
1965	0.5594	0.5783	1.0000	0.7222	6.9533 2.7501
1967	0.5647	0.5755	0.7222	1.0000	8.5428 2.8764
TOTAL SAMPLE				NUMBER OF OBSERVATIONS IS 3542	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.6224	0.5930	0.5978	6.4842 2.8583
1963	0.6224	1.0000	0.6200	0.6150	6.6942 2.8140
1965	0.5930	0.6200	1.0000	0.7479	6.4896 2.8578
1967	0.5978	0.6150	0.7479	1.0000	8.0116 3.0635
NOT IN SAMPLE				NUMBER OF OBSERVATIONS IS 181	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5593	0.5623	0.5317	4.8508 2.6015
1963	0.5593	1.0000	0.6940	0.6258	5.3370 2.7456
1965	0.5623	0.6940	1.0000	0.7646	5.4033 2.7528
1967	0.5317	0.6258	0.7646	1.0000	6.8785 3.0946

TGI SCALE H, GOV'T, PUBLIC AFFAIRS

TABLE 319

ACADEMIC	NUMBER OF OBSERVATIONS IS 1695			
	1961	1963	1965	1967
1961	1.0000	0.6053	0.4724	0.4709
1963	0.6033	1.0000	0.5030	0.5335
1965	0.4724	0.5030	1.0000	0.5494
1967	0.4709	0.5335	0.5494	1.0000
			MEAN	S.D.
			6.7003	2.6465
			6.2425	2.7874
			7.7493	2.4253
			9.0973	2.5218
NON-ACADEMIC				
			MEAN	S.D.
			4.9220	2.0832
			4.2959	2.2103
			5.9664	2.2752
			7.1279	2.3591
MALES				
			MEAN	S.D.
			5.9828	2.7477
			5.5846	2.8424
			6.9809	2.6310
			8.2974	2.7755
FEMALES				
			MEAN	S.D.
			5.6256	2.3497
			4.9805	2.5289
			6.7269	2.4222
			7.9166	2.5102
ELEM F-ED.				
			MEAN	S.D.
			5.2355	2.2739
			4.7213	2.3977
			6.3070	2.3090
			7.5499	2.3183
HS F-ED.				
			MEAN	S.D.
			5.7396	2.5651
			5.0656	2.6441
			6.7035	2.4245
			7.9748	2.5618

TGI SCALE H, GOV'T, PUBLIC AFFAIRS

TABLE 320

COLL F-ED.				NUMBER OF OBSERVATIONS IS 1180	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.6117	0.4972	0.4899	6.6195 2.5826
1963	0.6117	1.0000	0.5124	0.5766	6.1610 2.8046
1965	0.4972	0.5124	1.0000	0.5724	7.7666 2.4521
1967	0.4899	0.5766	0.5724	1.0000	9.0551 2.5798
D-K F-ED.				NUMBER OF OBSERVATIONS IS 107	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.3255	0.3640	0.3772	4.0654 1.6591
1963	0.3255	1.0000	0.4350	0.5206	3.3551 1.9299
1965	0.3640	0.4350	1.0000	0.5639	4.4019 2.0456
1967	0.3772	0.5206	0.5639	1.0000	5.3925 2.5126
BLACK				NUMBER OF OBSERVATIONS IS 513	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.3594	0.3638	0.3696	4.3060 1.8768
1963	0.3594	1.0000	0.3245	0.3472	3.5867 2.0398
1965	0.3638	0.3245	1.0000	0.5230	4.9630 2.2121
1967	0.3696	0.3472	0.5230	1.0000	6.1559 2.3452
WHITE				NUMBER OF OBSERVATIONS IS 2848	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5778	0.4650	0.4647	6.0913 2.5532
1963	0.5778	1.0000	0.4996	0.5337	5.5822 2.6912
1965	0.4650	0.4996	1.0000	0.5416	7.2082 2.4116
1967	0.4647	0.5337	0.5416	1.0000	8.4751 2.5245
TOTAL SAMPLE				NUMBER OF OBSERVATIONS IS 3542	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.5866	0.4952	0.4955	5.7552 2.5445
1963	0.5866	1.0000	0.5257	0.5532	5.2250 2.6907
1965	0.4952	0.5257	1.0000	0.5992	6.8162 2.5410
1967	0.4955	0.5532	0.5992	1.0000	8.0596 2.6707
NOT IN SAMPLE				NUMBER OF OBSERVATIONS IS 181	
	1961	1963	1965	1967	MEAN S.D.
1961	1.0000	0.4742	0.4037	0.4054	4.5746 2.2401
1963	0.4732	1.0000	0.5302	0.5254	4.2486 2.3148
1965	0.4037	0.5302	1.0000	0.7375	5.9006 2.5247
1967	0.4054	0.5254	0.7375	1.0000	6.9171 3.0699

BEQ SCALE 1

TABLE 321

ACADEMIC

NUMBER OF OBSERVATIONS IS 1575

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7289	0.6560	48.3291	9.8235
1965	0.7289	1.0000	0.8177	48.8201	10.0307
1967	0.6560	0.8177	1.0000	48.9861	9.8528

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1437

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6681	0.6214	50.4520	9.8548
1965	0.6681	1.0000	0.7866	50.4912	9.9767
1967	0.6214	0.7866	1.0000	50.8310	9.9766

MALES

NUMBER OF OBSERVATIONS IS 1401

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5169	0.4320	43.2667	7.1258
1965	0.5169	1.0000	0.5868	41.9096	6.4571
1967	0.4320	0.5868	1.0000	42.1037	6.6885

FEMALES

NUMBER OF OBSERVATIONS IS 1781

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5500	0.4397	54.0722	9.1396
1965	0.5500	1.0000	0.6492	55.6556	7.9404
1967	0.4397	0.6492	1.0000	55.9919	7.5534

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 863

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6764	0.6291	49.8653	10.1678
1965	0.6764	1.0000	0.8017	50.2992	10.2543
1967	0.6291	0.8017	1.0000	50.8236	9.9775

HS F.ED.

NUMBER OF OBSERVATIONS IS 820

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7023	0.6185	49.2551	9.5283
1965	0.7023	1.0000	0.7864	49.4760	9.5812
1967	0.6185	0.7864	1.0000	49.6199	9.7251

SEQ SCALE 1

TABLE 322

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1115

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7284	0.6809	48.8956	9.9092
1965	0.7284	1.0000	0.8231	49.1310	10.2854
1967	0.6809	0.8231	1.0000	49.1613	10.0397

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6037	0.4938	53.9764	9.3339
1965	0.6037	1.0000	0.7594	52.2175	8.7474
1967	0.4938	0.7594	1.0000	52.7707	9.3098

BLACK

NUMBER OF OBSERVATIONS IS 329

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6060	0.5596	53.6749	9.3749
1965	0.6060	1.0000	0.7600	52.7856	9.7129
1967	0.5596	0.7600	1.0000	52.9936	9.3554

WHITE

NUMBER OF OBSERVATIONS IS 2683

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7083	0.6459	48.8106	9.8265
1965	0.7083	1.0000	0.8066	49.2289	10.0103
1967	0.6459	0.8066	1.0000	49.4828	9.9585

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3761

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6993	0.6385	49.3731	9.9208
1965	0.6993	1.0000	0.7958	49.5208	9.9695
1967	0.6385	0.7958	1.0000	49.8199	9.9111

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 749

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6889	0.6217	49.4984	10.0214
1965	0.6889	1.0000	0.7596	49.1324	9.6725
1967	0.6217	0.7596	1.0000	49.6332	9.7312

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8EQ SCALE 2		TABLE 323		
		NUMBER OF OBSERVATIONS IS 1573		
ACADEMIC		MEAN	S.D.	
1963	1967	50.3947	9.5381	
1965		50.3815	9.7469	
1967		50.7748	10.1025	
NON-ACADEMIC		NUMBER OF OBSERVATIONS IS 1433		
		MEAN	S.D.	
1963	1967	48.8783	9.9664	
1965		48.4313	9.7012	
1967		48.2864	9.5136	
MALES		NUMBER OF OBSERVATIONS IS 1398		
		MEAN	S.D.	
1963	1967	55.8546	9.1545	
1965		56.0206	8.9389	
1967		55.8370	9.5777	
FEMALES		NUMBER OF OBSERVATIONS IS 1777		
		MEAN	S.D.	
1963	1967	44.6315	6.9566	
1965		44.1121	6.6695	
1967		44.4286	6.6452	
ELEM F.ED.		NUMBER OF OBSERVATIONS IS 861		
		MEAN	S.D.	
1963	1967	48.7532	9.6364	
1965		49.1503	9.6173	
1967		49.1389	9.8171	
HS F.ED.		NUMBER OF OBSERVATIONS IS 817		
		MEAN	S.D.	
1963	1967	49.8211	9.9798	
1965		49.1439	9.9092	
1967		49.5152	10.0471	

BEQ SCALE 2

TABLE 324

COLL F.ED.				NUMBER OF OBSERVATIONS IS 1115		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.6957	0.6385	50.5566	9.6942	
1965	0.6957	1.0000	0.7468	50.2199	9.8550	
1967	0.6385	0.7468	1.0000	50.3580	10.0029	
D.K. F.ED.				NUMBER OF OBSERVATIONS IS 44		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.7230	0.5051	49.5711	10.5134	
1965	0.7230	1.0000	0.6384	48.5502	9.0084	
1967	0.5051	0.6384	1.0000	50.1043	8.6584	
BLACK				NUMBER OF OBSERVATIONS IS 327		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.7027	0.5992	50.6080	10.4438	
1965	0.7027	1.0000	0.6786	50.6922	9.3209	
1967	0.5992	0.6786	1.0000	51.4473	9.6067	
WHITE				NUMBER OF OBSERVATIONS IS 2679		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.7118	0.6557	49.5575	9.6829	
1965	0.7118	1.0000	0.7628	49.3004	9.8169	
1967	0.6557	0.7628	1.0000	49.3616	9.9164	
TOTAL SAMPLE				NUMBER OF OBSERVATIONS IS 3755		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.7082	0.6429	49.7018	9.8067	
1965	0.7082	1.0000	0.7480	49.4601	9.8409	
1967	0.6429	0.7480	1.0000	49.6259	9.9034	
NOT IN SAMPLE				NUMBER OF OBSERVATIONS IS 749		
	1963	1965	1967	MEAN	S.D.	
1963	1.0000	0.6990	0.6172	49.8220	9.9360	
1965	0.6990	1.0000	0.7217	49.4935	10.1058	
1967	0.6172	0.7217	1.0000	49.7757	9.8980	

TABLE 325

8EQ SCALE 3

ACADEMIC

NUMBER OF OBSERVATIONS IS 1573

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4650	0.3505	49.1900	9.2230
1965	0.4650	1.0000	0.5406	49.2099	9.1332
1967	0.3505	0.5406	1.0000	49.1725	9.2676

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1433

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4404	0.3749	49.5613	9.6997
1965	0.4404	1.0000	0.5270	49.8155	9.6337
1967	0.3749	0.5270	1.0000	50.2831	10.1965

MALES

NUMBER OF OBSERVATIONS IS 1398

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4540	0.3570	50.0405	9.4088
1965	0.4540	1.0000	0.5467	49.9104	9.6287
1967	0.3570	0.5467	1.0000	50.1919	10.1387

FEMALES

NUMBER OF OBSERVATIONS IS 1777

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4489	0.3682	48.8500	9.4817
1965	0.4489	1.0000	0.5128	48.9998	9.1298
1967	0.3682	0.5128	1.0000	49.1638	9.4526

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 861

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4787	0.3317	48.9740	10.1568
1965	0.4787	1.0000	0.5469	49.9390	9.7475
1967	0.3317	0.5469	1.0000	50.3204	9.9304

HS F.ED.

NUMBER OF OBSERVATIONS IS 817

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4391	0.3418	49.6386	9.3519
1965	0.4391	1.0000	0.5127	49.9415	9.4043
1967	0.3418	0.5127	1.0000	50.0025	9.7198

BEQ SCALE 3

COLL F.ED..

NUMBER OF OBSERVATIONS IS 1115

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4515	0.3937	49.3307	8.8520
1965	0.4515	1.0000	0.5572	49.0551	9.0507
1967	0.3937	0.5572	1.0000	49.0575	9.3685

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2827	0.5994	52.4225	10.2129
1965	0.2827	1.0000	0.3794	50.9566	10.1331
1967	0.5994	0.3794	1.0000	54.5136	10.5074

BLACK

NUMBER OF OBSERVATIONS IS 327

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4600	0.3601	52.0527	10.7528
1965	0.4600	1.0000	0.5321	53.4461	11.0648
1967	0.3601	0.5321	1.0000	54.7331	11.3867

WHITE

NUMBER OF OBSERVATIONS IS 2679

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4429	0.3518	49.0392	9.2252
1965	0.4429	1.0000	0.5199	49.0168	9.0358
1967	0.3518	0.5199	1.0000	49.0878	9.3325

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3754

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4602	0.3676	49.3687	9.5934
1965	0.4602	1.0000	0.5352	49.3410	9.5555
1967	0.3676	0.5352	1.0000	49.5365	9.8189

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 748

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4864	0.3840	49.3755	10.1302
1965	0.4864	1.0000	0.5370	48.7078	10.2061
1967	0.3840	0.5370	1.0000	48.8717	10.1128

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REQ SCALE 4

TABLE 327

ACADEMIC

NUMBER OF OBSERVATIONS IS 1571

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5463	0.4398	53.7188	9.8621
1965	0.5463	1.0000	0.6192	55.4838	9.4745
1967	0.4398	0.6192	1.0000	55.0733	9.3788

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1431

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4138	0.3647	47.5636	9.1281
1965	0.4138	1.0000	0.5421	47.5421	8.6303
1967	0.3647	0.5421	1.0000	46.4670	8.6842

MALES

NUMBER OF OBSERVATIONS IS 1395

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5510	0.4995	50.9378	9.7438
1965	0.5510	1.0000	0.6506	51.6050	9.9544
1967	0.4995	0.6506	1.0000	50.0033	10.0061

FEMALES

NUMBER OF OBSERVATIONS IS 1774

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5514	0.4774	50.3677	10.1401
1965	0.5514	1.0000	0.6679	51.3998	9.9211
1967	0.4774	0.6679	1.0000	51.3304	10.0472

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 861

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4691	0.4103	47.6286	8.9111
1965	0.4691	1.0000	0.5978	48.4158	8.5944
1967	0.4103	0.5978	1.0000	47.5735	9.0412

HS F.ED.

NUMBER OF OBSERVATIONS IS 817

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4796	0.4033	50.1699	9.9429
1965	0.4796	1.0000	0.6108	50.6252	9.5989
1967	0.4033	0.6108	1.0000	50.2864	9.7315

TABLE 328

8EO SCALE 4

COLL F.E.D.

NUMBER OF OBSERVATIONS IS 1113

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5286	0.4483	54.2949	9.9171
1965	0.5286	1.0000	0.6204	55.8629	9.6063
1967	0.4483	0.6204	1.0000	54.9242	9.5523

D.K. F.E.D.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6863	0.6375	44.1318	9.3316
1965	0.6863	1.0000	0.7638	45.4873	9.3665
1967	0.6375	0.7638	1.0000	46.3325	10.5471

BLACK

NUMBER OF OBSERVATIONS IS 327

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4091	0.3727	48.1967	9.7250
1965	0.4091	1.0000	0.5726	48.1543	9.1108
1967	0.3727	0.5726	1.0000	48.2549	9.4900

WHITE

NUMBER OF OBSERVATIONS IS 2675

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5593	0.4889	51.1011	9.9910
1965	0.5593	1.0000	0.6612	52.1314	9.9171
1967	0.4889	0.6612	1.0000	51.3028	10.0358

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3746

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5491	0.4814	50.6555	9.9976
1965	0.5491	1.0000	0.6563	51.4457	10.0449
1967	0.4814	0.6563	1.0000	50.7293	10.0795

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 744

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5476	0.4784	50.1342	9.9571
1965	0.5476	1.0000	0.6518	50.4268	10.5094
1967	0.4784	0.6518	1.0000	49.7551	10.2473

BEQ SCALE 5

TABLE 329

ACADEMIC

NUMBER OF OBSERVATIONS IS 1405

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3701	0.3171	51.4035	9.4196
1965	0.3701	1.0000	0.4731	52.0097	9.0609
1967	0.3171	0.4731	1.0000	52.2415	9.3767

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1320

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3021	0.2452	49.4220	10.1104
1965	0.3021	1.0000	0.4383	49.0431	9.8184
1967	0.2452	0.4383	1.0000	48.1949	9.8775

MALES

NUMBER OF OBSERVATIONS IS 1297

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3276	0.2981	49.9121	9.7860
1965	0.3276	1.0000	0.4414	49.9557	9.7864
1967	0.2981	0.4414	1.0000	49.3358	10.3149

FEMALES

NUMBER OF OBSERVATIONS IS 1670

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3568	0.2838	50.6692	9.8808
1965	0.3568	1.0000	0.4952	50.8422	9.3506
1967	0.2838	0.4952	1.0000	50.8636	9.4134

ELEM F.E.D.

NUMBER OF OBSERVATIONS IS 804

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3355	0.2469	49.8747	9.8809
1965	0.3355	1.0000	0.4802	49.9461	10.0675
1967	0.2469	0.4802	1.0000	48.9237	9.9947

HS F.E.D.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.O.
1963	1.0000	0.3691	0.3006	50.2043	9.9160
1965	0.3691	1.0000	0.4633	50.4151	9.4774
1967	0.3006	0.4633	1.0000	50.2680	9.8274

BEQ SCALE 5

TABLE 330

COLL F-ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3403	0.3100	51.5765	9.3405
1965	0.3403	1.0000	0.4593	51.8060	8.9976
1967	0.3100	0.4593	1.0000	51.9729	9.3690

D-K F-ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.0191	0.4499	48.2539	11.8930
1965	0.0191	1.0000	0.4599	48.3624	9.9049
1967	0.4499	0.4599	1.0000	47.7555	10.4548

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2768	0.2761	51.5733	11.7511
1965	0.2768	1.0000	0.4257	51.1737	9.5656
1967	0.2761	0.4257	1.0000	50.5236	10.6594

WHITE

NUMBER OF OBSERVATIONS IS 2524

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3557	0.2975	50.3478	9.5430
1965	0.3557	1.0000	0.4784	50.5540	9.5345
1967	0.2975	0.4784	1.0000	50.3219	9.7244

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3504

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3433	0.2785	50.3929	9.8111
1965	0.3433	1.0000	0.4687	50.5169	9.6384
1967	0.2785	0.4687	1.0000	50.2180	9.8036

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3340	0.2116	50.0640	9.8499
1965	0.3340	1.0000	0.4540	50.1068	10.0202
1967	0.2116	0.4540	1.0000	49.7105	9.7007

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2176	0.1079	53.0933	8.4270
1965	0.2176	1.0000	0.4063	54.1047	7.8948
1967	0.1079	0.4063	1.0000	52.7267	8.0244

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1320

	1963	1965	1967	MEAN	S.D.
1	1.0000	0.3042	0.1537	49.8122	9.7201
2	0.3042	1.0000	0.3461	49.1793	9.6380
3	0.1537	0.3461	1.0000	46.9108	9.9819

MALES

NUMBER OF OBSERVATIONS IS 1296

1963	1965	1967	MEAN	S.D.
1.0000	0.2983	0.1938	50.9588	9.5242
0.2983	1.0000	0.4446	51.7775	9.1027
0.1938	0.4446	1.0000	51.0864	9.3748

FEMALES

NUMBER OF OBSERVATIONS IS 1670

	1963	1965	1967	MEAN	S.D.
1	1.0000	0.3012	0.1820	51.8438	9.0334
2	1.0000	1.0000	0.4299	51.5125	9.1405
3	0.1820	0.4299	1.0000	49.8160	9.8256

ELEM F-EC.

NUMBER OF OBSERVATIONS IS 803

	1963	1965	1967	MEAN	S.D.
1	1.0000	0.3062	0.1599	49.9239	9.7190
2	0.3062	1.0000	0.3732	49.7024	9.7232
3	0.1599	0.3732	1.0000	48.4821	10.1492

HS F-ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1	1.0000	0.2704	0.1514	50.7511	9.4885
2	0.2704	1.0000	0.4242	51.6271	6.640
3	0.1514	0.4242	1.0000	50.1305	9.8563

COLL F.ED.	NUMBER OF OBSERVATIONS IS 1062		
	1963	1965	1967
1963	1.0000	0.2373	0.1534
1965	0.2373	1.0000	0.4047
1967	0.1534	0.4047	1.0000
	MEAN	S.D.	
	53.7409	7.9382	
	53.8828	7.8897	
	52.8265	8.4250	
O.K. F.ED.			
	1963	1965	1967
1963	1.0000	0.3931	0.3756
1965	0.3931	1.0000	0.5657
1967	0.3756	0.5657	1.0000
	MEAN	S.D.	
	48.2676	9.0655	
	50.1510	9.0735	
	49.5471	9.3366	
BLACK			
	1963	1965	1967
1963	1.0000	0.3746	0.2500
1965	0.3746	1.0000	0.4435
1967	0.2500	0.4435	1.0000
	MEAN	S.D.	
	50.0518	10.0208	
	50.3508	10.3873	
	50.5245	10.5547	
WHITE			
	1963	1965	1967
1963	1.0000	0.2863	0.1770
1965	0.2863	1.0000	0.4292
1967	0.1770	0.4292	1.0000
	MEAN	S.D.	
	51.7251	9.0898	
	51.9578	8.9200	
	50.5275	9.5049	
TOTAL SAMPLE			
	1963	1965	1967
1963	1.0000	0.3004	0.1238
1965	0.3004	1.0000	0.4242
1967	0.1238	0.4242	1.0000
	MEAN	S.D.	
	51.2798	9.2747	
	51.6362	9.1603	
	50.4825	9.6142	
NOT IN SAMPLE			
	1963	1965	1967
1963	1.0000	0.2968	0.2249
1965	0.2968	1.0000	0.3997
1967	0.2249	0.3997	1.0000
	MEAN	S.D.	
	50.1678	9.4767	
	50.9995	9.3951	
	50.3007	9.5962	

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BEQ SCALE 7

TABLE 333

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6292	0.4999	52.7504	10.5206
1965	0.6292	1.0000	0.6759	53.7146	10.3827
1967	0.4999	0.6759	1.0000	53.8781	10.6514

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1319

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5200	0.4133	48.6899	9.2945
1965	0.5200	1.0000	0.6107	47.5313	8.7523
1967	0.4133	0.6107	1.0000	47.0393	8.3628

MALES

NUMBER OF OBSERVATIONS IS 1296

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5957	0.4552	49.0149	9.4688
1965	0.5957	1.0000	0.6475	49.6352	10.1083
1967	0.4552	0.6475	1.0000	49.5410	10.1493

FEMALES

NUMBER OF OBSERVATIONS IS 1669

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6051	0.5117	52.0321	10.4526
1965	0.6051	1.0000	0.7072	51.4780	10.4147
1967	0.5117	0.7072	1.0000	51.3376	10.1093

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 802

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5568	0.4862	48.5749	9.4433
1965	0.5568	1.0000	0.6601	48.1564	9.6034
1967	0.4862	0.6601	1.0000	47.9136	9.2608

HS F.ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5954	0.4289	49.9312	9.5715
1965	0.5954	1.0000	0.6214	49.7982	9.9337
1967	0.4289	0.6214	1.0000	49.5954	9.7345

8EQ SCALE 7

TABLE 334

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6044	0.4944	53.6342	10.5448
1965	0.6044	1.0000	0.7004	54.0948	10.7801
1967	0.4944	0.7004	1.0000	54.0355	10.6327

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6274	0.2240	49.2589	9.7781
1965	0.6274	1.0000	0.5117	46.3224	8.1199
1967	0.2240	0.5117	1.0000	45.1997	6.3508

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5088	0.2905	50.8138	9.5650
1965	0.5088	1.0000	0.5421	49.1618	9.8243
1967	0.2905	0.5421	1.0000	48.9520	9.1340

WHITE

NUMBER OF OBSERVATIONS IS 2522

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6188	0.5176	50.8487	10.2349
1965	0.6188	1.0000	0.6991	51.0025	10.4562
1967	0.5176	0.6991	1.0000	50.8659	10.3315

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3502

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5955	0.4910	50.5480	10.1396
1965	0.5955	1.0000	0.6878	50.5018	10.2774
1967	0.4910	0.6878	1.0000	50.4792	10.2084

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5322	0.4596	49.3395	9.9320
1965	0.5322	1.0000	0.6927	49.2347	9.6248
1967	0.4596	0.6927	1.0000	49.7062	10.0778

8EQ SCALE 8

TABLE 335

NUMBER OF OBSERVATIONS IS 1492

ACADEMIC

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4546	0.3785	48.8662	9.4089
1965	0.4546	1.0000	0.4897	48.6597	9.4969
1967	0.3785	0.4897	1.0000	49.0309	9.1523

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1319

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4381	0.3597	50.6817	9.9303
1965	0.4381	1.0000	0.5298	51.1893	9.9060
1967	0.3597	0.5298	1.0000	51.7315	9.9999

MALES

NUMBER OF OBSERVATIONS IS 1296

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4219	0.3332	48.0760	9.5585
1965	0.4219	1.0000	0.4804	47.2531	10.0633
1967	0.3332	0.4804	1.0000	48.4604	9.6751

FEMALES

NUMBER OF OBSERVATIONS IS 1669

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4495	0.3807	51.0539	9.6369
1965	0.4495	1.0000	0.5125	51.8625	9.0897
1967	0.3807	0.5125	1.0000	51.7024	9.3636

ELEM F-ED.

NUMBER OF OBSERVATIONS IS 802

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4408	0.3448	49.9649	10.0040
1965	0.4408	1.0000	0.5305	50.5854	9.7133
1967	0.3448	0.5305	1.0000	51.1348	10.0028

HS F-ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4754	0.3879	50.3361	9.6837
1965	0.4754	1.0000	0.5320	50.4827	9.8296
1967	0.3879	0.5320	1.0000	51.1748	9.9825

TABLE 336

BEQ SCALE 8

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4350	0.3944	48.9654	9.3921
1965	0.4350	1.0000	0.4908	48.7821	9.6060
1967	0.3944	0.4908	1.0000	49.0426	8.9936

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4273	0.2623	50.5037	9.3500
1965	0.4273	1.0000	0.6386	51.2900	9.8305
1967	0.2623	0.6386	1.0000	51.3076	9.7702

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4495	0.3940	52.1601	10.2805
1965	0.4495	1.0000	0.5147	52.2093	10.0176
1967	0.3940	0.5147	1.0000	51.9962	10.5746

WHITE

NUMBER OF OBSERVATIONS IS 2522

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4490	0.3710	49.4382	9.5910
1965	0.4490	1.0000	0.5167	49.5759	9.7078
1967	0.3710	0.5167	1.0000	50.1035	9.5235

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3502

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4551	0.3738	49.5509	9.7400
1965	0.4551	1.0000	0.5208	49.7437	9.7661
1967	0.3738	0.5208	1.0000	50.1055	9.7838

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4623	0.3586	48.8708	9.8741
1965	0.4623	1.0000	0.5289	49.3248	9.7271
1967	0.3586	0.5289	1.0000	49.3220	10.2581

CULL F.ED.	NUMBER OF OBSERVATIONS IS 459		
	1963	1965	1967
1963	1.0000	0.5970	0.5217
1965	0.5970	1.0000	0.6480
1967	0.5217	0.6480	1.0000
	MEAN	S.D.	
	50.1134	10.3295	
	49.0881	9.4255	
	49.3146	9.8857	
D.K. F.ED.	NUMBER OF OBSERVATIONS IS 38		
	1963	1965	1967
1963	1.0000	0.6230	0.3943
1965	0.6230	1.0000	0.7683
1967	0.3943	0.7683	1.0000
	MEAN	S.D.	
	47.3221	8.7329	
	47.2668	8.4724	
	46.6855	7.0767	
BLACK	NUMBER OF OBSERVATIONS IS 288		
	1963	1965	1967
1963	1.0000	0.4823	0.4907
1965	0.4823	1.0000	0.5718
1967	0.4907	0.5718	1.0000
	MEAN	S.D.	
	49.9680	9.4777	
	48.9066	9.1456	
	49.3648	9.4393	
WHITE	NUMBER OF OBSERVATIONS IS 2515		
	1963	1965	1967
1963	1.0000	0.6071	0.5163
1965	0.6071	1.0000	0.6530
1967	0.5163	0.6530	1.0000
	MEAN	S.D.	
	49.3750	9.7094	
	48.8243	9.5038	
	49.6317	9.5440	
TOTAL SAMPLE	NUMBER OF OBSERVATIONS IS 3493		
	1963	1965	1967
1963	1.0000	0.5902	0.5023
1965	0.5902	1.0000	0.6406
1967	0.5023	0.6406	1.0000
	MEAN	S.D.	
	49.3690	9.6586	
	48.9259	9.4696	
	49.1706	9.5718	
NOT IN SAMPLE	NUMBER OF OBSERVATIONS IS 690		
	1963	1965	1967
1963	1.0000	0.5731	0.4581
1965	0.5731	1.0000	0.6227
1967	0.4581	0.6227	1.0000
	MEAN	S.D.	
	49.0971	9.5352	
	49.3041	9.4682	
	49.5957	9.7127	

REQ SCALE 10

TABLE 339

ACADEMIC	NUMBER OF OBSERVATIONS IS 1489		
	1963	1965	1967
1963	1.0000	0.4608	0.3649
1965	0.4608	1.0000	0.4871
1967	0.3649	0.4871	1.0000
	MEAN	MEAN	S.D.
		49.8629	9.9947
		49.9171	9.7134
		49.5235	10.0687
NON-ACADEMIC	NUMBER OF OBSERVATIONS IS 1314		
	1963	1965	1967
1963	1.0000	0.4032	0.2732
1965	0.4032	1.0000	0.4331
1967	0.2732	0.4331	1.0000
	MEAN	MEAN	S.D.
		50.3435	9.7225
		49.6145	9.7830
		49.6456	9.6977
MALES	NUMBER OF OBSERVATIONS IS 1290		
	1963	1965	1967
1963	1.0000	0.4027	0.2996
1965	0.4027	1.0000	0.4452
1967	0.2996	0.4452	1.0000
	MEAN	MEAN	S.D.
		51.4813	9.6424
		51.4913	9.6838
		50.7396	10.3210
FEMALES	NUMBER OF OBSERVATIONS IS 1667		
	1963	1965	1967
1963	1.0000	0.4431	0.3394
1965	0.4431	1.0000	0.4600
1967	0.3394	0.4600	1.0000
	MEAN	MEAN	S.D.
		49.0129	10.0246
		48.3640	9.6143
		48.6671	9.5511
ELEM F-ED.	NUMBER OF OBSERVATIONS IS 801		
	1963	1965	1967
1963	1.0000	0.3871	0.2908
1965	0.3871	1.0000	0.4235
1967	0.2908	0.4235	1.0000
	MEAN	MEAN	S.D.
		50.5594	9.9005
		50.2546	9.5246
		50.3658	9.8028
HS F-ED.	NUMBER OF OBSERVATIONS IS 751		
	1963	1965	1967
1963	1.0000	0.4184	0.3106
1965	0.4184	1.0000	0.4535
1967	0.3106	0.4535	1.0000
	MEAN	MEAN	S.D.
		51.0552	9.3467
		50.4095	9.5510
		50.2349	9.7765

BEQ SCALE 10

TABLE 340

COLL F-ED.

NUMBER OF OBSERVATIONS IS 1059

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4630	0.3327	49.0534	9.9006
1965	0.4630	1.0000	0.4876	49.0235	9.9134
1967	0.3327	0.4876	1.0000	48.4811	9.8646

D.K. F-EO.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3999	0.1434	49.7645	10.7396
1965	0.3999	1.0000	0.5445	51.7376	10.2130
1967	0.1434	0.5445	1.0000	51.4892	8.0011

BLACK

NUMBER OF OBSERVATIONS IS 288

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3663	0.2993	51.3055	9.2420
1965	0.3663	1.0000	0.4172	51.3533	9.8127
1967	0.2993	0.4172	1.0000	52.5591	9.7750

WHITE

NUMBER OF OBSERVATIONS IS 2515

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4395	0.3235	49.9488	9.9309
1965	0.4395	1.0000	0.4643	49.5945	9.7234
1967	0.3235	0.4643	1.0000	49.2397	9.8533

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3493

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4299	0.3318	49.9753	9.8953
1965	0.4299	1.0000	0.4638	49.6912	9.3657
1967	0.3318	0.4638	1.0000	49.5917	9.9454

NDT IN SAMPLE

NUMBER OF OBSERVATIONS IS 690

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4156	0.3654	49.5164	9.9805
1965	0.4156	1.0000	0.4717	49.3497	10.3261
1967	0.3654	0.4717	1.0000	49.6364	10.1407

BEQ SCALE 11

TABLE 341

ACADEMIC	NUMBER OF OBSERVATIONS IS 1483		
	1963	1965	1967
1963	1.0000	0.3158	0.2536
1965	0.3158	1.0000	0.4737
1967	0.2536	0.4737	1.0000
MEAN			S.D.
			52.4795 9.5034
			53.4010 9.4494
			53.2308 9.6120
NON-ACADEMIC			
NUMBER OF OBSERVATIONS IS 1306			
1963	1.0000	0.2918	0.1997
1965	0.2918	1.0000	0.4091
1967	0.1997	0.4091	1.0000
MEAN			S.D.
			48.9880 9.6240
			49.0861 9.3574
			47.8093 9.4475
MALES			
NUMBER OF OBSERVATIONS IS 1280			
1963	1.0000	0.3230	0.2720
1965	0.3230	1.0000	0.4490
1967	0.2720	0.4490	1.0000
MEAN			S.D.
			49.2275 10.3949
			49.2792 9.9825
			47.8078 10.1480
FEMALES			
NUMBER OF OBSERVATIONS IS 1662			
1963	1.0000	0.3079	0.2175
1965	0.3079	1.0000	0.4545
1967	0.2175	0.4545	1.0000
MEAN			S.D.
			52.0493 9.0536
			52.9264 9.0764
			52.7439 9.2268
ELEM F-ED.			
NUMBER OF OBSERVATIONS IS 798			
1963	1.0000	0.2794	0.1806
1965	0.2794	1.0000	0.4775
1967	0.1806	0.4775	1.0000
MEAN			S.D.
			48.6821 9.4529
			49.3497 9.3492
			48.3948 9.2921
HS F-ED.			
NUMBER OF OBSERVATIONS IS 747			
1963	1.0000	0.3734	0.2787
1965	0.3734	1.0000	0.4411
1967	0.2787	0.4411	1.0000
MEAN			S.D.
			50.5873 9.4838
			50.7374 9.3860
			49.8391 9.6237

8EQ SCALE 11

TABLE 312

COLL F-ED.

NUMBER OF OBSERVATIONS IS 1054

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2865	0.2301	52.7871	9.4981
1965	0.2865	1.0000	0.4454	53.5489	9.6400
1967	0.2301	0.4454	1.0000	53.3781	9.8430

O.K. F-ED.

NUMBER OF OBSERVATIONS IS 37

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2295	0.2824	49.1608	11.6107
1965	0.2295	1.0000	0.6118	49.6416	9.2123
1967	0.2824	0.6118	1.0000	48.5654	10.7903

BLACK

NUMBER OF OBSERVATIONS IS 285

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2202	0.2135	50.6329	9.5056
1965	0.2202	1.0000	0.4821	50.2865	9.9068
1967	0.2135	0.4821	1.0000	49.4066	9.5484

WHITE

NUMBER OF OBSERVATIONS IS 2504

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3449	0.2705	50.8686	9.7410
1965	0.3449	1.0000	0.4758	51.5050	9.6121
1967	0.2705	0.4758	1.0000	50.8384	9.9417

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3476

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3214	0.2556	50.7922	9.6889
1965	0.3214	1.0000	0.4883	51.1984	9.7455
1967	0.2556	0.4883	1.0000	50.4907	10.0051

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 687

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2794	0.2175	50.5799	9.5691
1965	0.2794	1.0000	0.5261	50.4592	10.0913
1967	0.2175	0.5261	1.0000	49.6730	10.3356

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